

QUINNIPIAC UNIVERSITY

December 23, 2010

2011 JAN -6 P 12:10
CONNECTICUT OFFICE
HEALTH CARE ACCESS

Norma Gyle, R.N., Ph.D.
Deputy Commissioner
Office of Health Care Access
State of Connecticut
Department of Public Health
410 Capitol Avenue, MS# 13HCA
Hartford, Connecticut 06134-0308

Re: Certificate of Need Application – Quinnipiac University
Project Name: Operation of a 1.5 Tesla Magnetic Resonance Imaging Scanner and 64-Slice Computed Tomography Scanner

Dear Dr. Gyle:

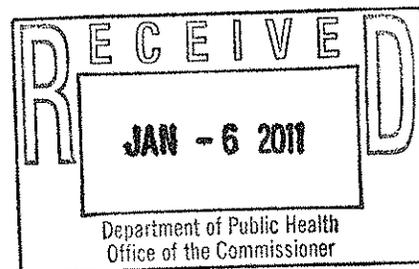
The enclosed document copies should replace the current application (originally sent to you on October 29, 2010) EXCEPT any supporting documentation that was required (financial statements, non-profit status documentation, etc.). Also enclosed is our check for \$500 payable to "Treasurer, State of Connecticut" and the originals of the newspaper legal advertisements.

Thank you very much.

Sincerely,



Edward R. O'Connor, PhD, Dean
School of Health Sciences
Quinnipiac University
275 Mount Carmel Avenue
Hamden, CT 06518
Telephone (203) 582-5202
Email: ed.oconnor@quinnipiac.edu



CC: Ramon Gonzalez, MD, Director
Radiologist Assistant Program
CC: Shelley Giordano, DHSc, Chair and Director of Clinical Education
Radiologist Assistant Program

REQUEST FOR NEW CERTIFICATE OF NEED

FILING FEE COMPUTATION SCHEDULE

<p>APPLICANT: Quinnipiac University</p> <p>PROJECT TITLE: Operation of a 1.5 Tesla Magnetic Resonance Imaging Scanner and 64-Slice Computed Tomography Scanner</p> <p>DATE: 1/6/11</p>	<p>FOR OHCA USE ONLY:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;"></th> <th style="width:15%;">DATE</th> <th style="width:15%;">INITIAL</th> </tr> </thead> <tbody> <tr> <td>1. Check logged (Front desk)</td> <td>1-6-11</td> <td>lmq</td> </tr> <tr> <td>2. Check rec'd (Clerical/Cert.)</td> <td>1-6-11</td> <td>lmq</td> </tr> <tr> <td>3. Check correct (Superv.)</td> <td>1-6-11</td> <td>ml</td> </tr> <tr> <td>4. Check logged (Clerical/Cert.)</td> <td>1-6-11</td> <td>lmq</td> </tr> </tbody> </table>		DATE	INITIAL	1. Check logged (Front desk)	1-6-11	lmq	2. Check rec'd (Clerical/Cert.)	1-6-11	lmq	3. Check correct (Superv.)	1-6-11	ml	4. Check logged (Clerical/Cert.)	1-6-11	lmq
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4. Check logged (Clerical/Cert.)	1-6-11	lmq														

SECTION A – NEW CERTIFICATE OF NEED APPLICATION	
<p>1. Check statute reference as applicable to CON application (see statute for detail):</p> <p>_____ 19a-638. Additional function or service, change of ownership, service termination. No Fee Required.</p> <p>_____ 19a-639 Capital expenditure exceeding \$3,000,000, or capital expenditure exceeding \$3,000,000 for major medical equipment, or CT scanner, PET scanner, PET/CT scanner, MRI scanner, cineangiography equipment or linear accelerator. Fee Required.</p> <p><input checked="" type="checkbox"/> 19a-638 and 19a-639. Fee Required.</p> <p>2. Enter \$0 on "Total Fee Due" line (SECTION B) if application is required pursuant to Section 19a-638 only, otherwise go on to line 3 of this section.</p> <p>3. Enter \$400 on "Total Fee Due" line (SECTION B) if application is for capital expenditure for major medical equipment, imaging equipment or linear accelerator less than \$3,000,000</p> <p>4. Section 19a-639 fee calculation (applicable if section 19a-639 capital expenditure for major medical equipment, imaging equipment or linear accelerator exceeding \$3,000,000 or other capital expenditure exceeding \$3,000,000 is checked above <u>OR</u> if both 19a-638 and 19a-639 are checked):</p> <p>a. Base fee: _____ \$ 1,000.00</p> <p>b. Additional Fee: (Capital Expenditure Assessment) _____ \$ _____ .00 (To calculate: Total requested Capital Expenditure/Cost excluding capitalized financing costs multiplied times .0005 and round to nearest dollar.) (\$ _____ x .0005) \$ _____ .00</p> <p>c. Sum of base fee plus additional fee: (Lines A4a + A4b) _____</p> <p>d. Enter the amount shown on line A4c. on "Total Fee Due" line (SECTION B).</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECEIVED</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">2011 JAN 10 P 1:29</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">CONNECTICUT OFFICE OF HEALTH CARE ACCESS</p>
<p>SECTION B TOTAL FEE DUE: _____</p>	<p>\$500.00</p>

ATTACH HERE CERTIFIED OR CASHIER'S CHECK ONLY (Payable to: Treasurer, State of Connecticut)

<p>QUINNIPIAC UNIVERSITY</p> <p>275 Mount Carmel Avenue Hamden, CT 06518</p>	<p>PAYABLE AT TD Banknorth, N.A. HAMDEN, CT 06518-0568</p>	<p>Date 11/01/10</p>	<p>0404553</p> <p>51136 111</p>
<p>FIVE HUNDRED AND 00/100 DOLLARS</p>		<p>CHECK AMOUNT *****500.00</p>	
<p>PAY TO THE ORDER OF</p>		<p>VOID IF NOT CASHED IN 180 DAYS</p>	

CLASSIFIED ADS: 203-777-FAST

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 Call Rich at 203-248-4112 for a quote.

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QUINNIPIAC UNIVERSITY
 FILING APPLICATION FOR A CERTIFICATE OF NEED - OFFICE OF HEALTH CARE ACCESS
 Edward O'Connor, PhD, Dean of the School of Health Sciences at Quinnipiac University, 370 Bassett Road, North Haven, Connecticut, is seeking applications for a Certificate of Need for a new Office of Health Care Access in the State of Connecticut for acquisition of the following: Toshiba Aquilion 64-slice CT Scanner and Toshiba Vantage 1.5T MRI Scanner. Fair market value for the CT Scanner is \$1,935,000. Fair market value for the MRI Scanner is \$1,998,000.

To place a classified ad, call 203-777-FAST
 Open 8am to 5:30pm Mon. thru Fri.

NOTICE TO CREDITORS
 CHARLES J WATT
 Hon. John A. Keyes, Judge of the Court of Probate, District of New Haven, decree dated November 22, 2010, ordered that all claims must be presented to the fiduciary at the address below. Failure to promptly present any such claim may result in the loss of rights to recover on such claim.
 Ed Cleary, Asst Clerk
 The fiduciary is:
 Jean Watt, 3 Dentey Court, Northampton, MA 01060

CALL EARLY, CALL LATE!
CLASSIFIED IS OPEN
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MARILU, Last CT Reg. #011598. A.V. Description: 37 Heritage, 1976 West Indies Auxiliary, Powered, Sailboat. HIN: HVA370210176-114; plus legal interest from 9/12/2010 to date of sale. Basis of Claim: Unpaid charges and related marine services from 1/1/07 to date. Last Known Owner: Richard N. Danson, 5 Locust Trail, Danbury, CT 06811

Support groups for Anxiety and Depression
 203-606-2071
 203-987-7514
 Annamartin@aol.com
 (Most Insurance Accepted - Submitting for a quote)

Open 8am to 5:30pm Mon. thru Fri.
 CALL 777-FAST or (TOLL FREE) 877-972 TO PLACE YOUR CLASSIFIED AD.
103 ANNOUNCEMENTS

A petition has been filed seeking Commitment of minor child(ren) of the above named or vesting of custody and care of said child(ren) of the above named in a lawful, private or public agency or a suitable and worthy person. Hearing on an Order of Temporary Custody will be heard on: 11/24/10 at 9:30 A.M. Therefore, ORDERED: that notice of the hearing of this petition be given by publishing this Order of Notice once immediately prior to the November 23, 2010 date of the hearing. Register a newspaper having a circulation in the territory of New Haven.
 Hon. Peter L. Brown, Judge
 Mera Castro-Mesa, Clerk
 11/19/10
 Right to Counsel: Upon proof of inability to pay for a lawyer, the court will provide one for you at court expense. Any such request should be made immediately at the court office, where your hearing is to be held.
 23985354

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HAMDEN
 The Inland Wetlands Commission

GENERAL HELP WANTED

845 GENERAL HELP WANTED

REPORTER WANTED
Midwestern newspaper is seeking a full-time reporter to cover local town news and other related events. Position requires writing skills; coverage of town commission meetings; ability to recognize and report on news and human interest stories; photography and video skills; reliability; organization and the ability to meet strict deadlines is needed. Coverage of evening meetings is required. Salary plus benefits package. Send your resume to: reg@journalregister.com. No phone calls please.

LEGALS

QUINNIPIAC UNIVERSITY
FILING APPLICATION FOR A CERTIFICATE OF NEED - OFFICE OF HEALTH CARE ACCESS
Edward O'Connor, PhD, Dean of the School of Health Services, 370, Bassett Road, North Haven, Connecticut, is accepting applications for a position of Health Care Access Officer of Health Care Access of the State of Connecticut for acquisition of the following: Toshiba Aquilion 64 slice CT Scanner, and Toshiba Vanadis 15T MRI Scanner. Fair market value for the CT Scanner: \$1,935,000. Fair market value for the MRI Scanner: \$1,995,000.

CALL EARLY, CALL LATE!
CLASSIFIED OPEN
8AM. - 5:30 PM MON. - FRI.
Or email to: classified@newhavenregister.com

LEGALS

LIQUOR PERMIT
Notice of application. This is to give notice that ANTONIO SETARO, 11 CAME BRIDGE DR, WOLGOTT, CT 06716-3031, have filed an application to be placed and 11/22/2010 with the Department of Consumer Protection for a RESTAURANT LIQUOR PERMIT for the sale of alcoholic liquor on the premises at 31 MAIN STREET 314 ANN SONIA, CT 06401-2303. The business will be owned by SETARO ANTONIO. The entertainment will consist of Acoback's, Carnation Bands, Jockeys Karaoke, and live music. Performers: 09/23/2010. ANTONIO SETARO

NOTICE OF DISSOLUTION OF ADVOCATE OF ADVOCATE PRESS, INC.
Notice is hereby given, pursuant to §33-886 of the Connecticut General Statutes, that ADVOCATE PRESS, INC., principal place of business in New Haven, Connecticut, has been dissolved by the dissolution of Board of Directors and Shareholders. All creditors are warned to present their claims to: BRUCE SACHS, RAIO & ZITO, 220 Whitney Avenue, Hamden, Connecticut 06518. The name of creditor and date that was incurred and state in which a claim against such corporation will be presented, unless a proceeding in court within 3 years after publication of this notice. Dated at Hamden, Connecticut this 17th day of November 2010.
ADVOCATE PRESS, INC.
By: BRUCE SACHS, RAIO & ZITO
Its Attorney.

To place a classified ad, call 203-777-FAST

LEGALS

NOTICE OF VESSEL LIEN AUCTION SALES
Pursuant to CT Gen. Stat. Sec. 36-55b (b) notice is hereby given to sell the following described vessel at public auction on December 2, 2010 at 10:00 AM Dutch West India Company Marina, 100 Maple Street, Branford, CT 06405. Boat Name: MARILYN Last CT Reg. #CT 1536. AY Description: 37' Heritage, 1976, West Indes Auxiliary, Powered Sailboat. Claim Amount: \$33,507.13. HVA370210176-114. plus legal interest from 9/7/2010 to date of sale. Basis of Claim: Unpaid charges for vessel storage and related marine services from Owner: Richard N. Dobson, 3 Locust Trail, Danbury, CT 06811

NOTICE TO CREDITORS
ESTATE OF EVELYN LUCKY
The Hon. Michael A. Albin, Judge of the Court of Probate, District of East Haven, Connecticut, dated November 17, 2010, ordered that all claims against the estate of the decedent be presented to the address below. Failure to present any such claim may result in the loss of rights to recover on such claim.
Mary Beth Cronk, Asset Clerk
The fiduciary is:
John J. Esposito, Jr., Esq.
373 Humphrey Street, New Haven, CT 06511

NOTICE TO CREDITORS
ESTATE OF ANNETTE PASSANDER AKA ANNETTE MANKA ANNETTE MANDERANI PASSANDER
The Hon. Michael A. Albin, Judge of the Court of Probate, District of East Haven, Connecticut, ordered that all claims against the estate of the decedent be presented to the fiduciary at the address below. Failure to

LEGALS

NOTICE CREDITORS
ESTATE OF DOROTHY WELLS DOROTHY WELLS
The Hon. Michael A. Albin, Judge of the Court of Probate, District of East Haven, Connecticut, dated December 2, 2010, ordered that all claims against the fiduciary at Dutch Company Marina, Branford, CT, be presented to the address below. Failure to present any such claim may result in the loss of rights to recover on such claim.
Mary Beth Cronk
The fiduciary is: Mary Beth Cronk, Asset Clerk
Susan Lynn, Her Assistant
119 99 Whitney Avenue
Danbury, CT 06811

NOTICE CREDITORS
ESTATE OF BRIDGE CAROLE
The Hon. Michael A. Albin, Judge of the Court of Probate, District of East Haven, Connecticut, dated November 17, 2010, ordered that all claims against the estate of the decedent be presented to the address below. Failure to present any such claim may result in the loss of rights to recover on such claim.
Mary Beth Cronk
The fiduciary is:
Emilio J. DeBarry, Esq.
2910 Main Street, East Haven, CT 06511

NOTICE CREDITORS
ESTATE OF JOHN H. STUBBS
The Hon. Michael A. Albin, Judge of the Court of Probate, District of East Haven, Connecticut, ordered that all claims against the estate of the decedent be presented to the fiduciary at the address below. Failure to

LEGALS

NOTICE
Notice is hereby given, pursuant to Section 16-50(b) of the Connecticut General Statutes and Section 16-50-1(e) of the Regulations of Connecticut State Agencies of an Application to be filed with the Connecticut Siting Council (Siting Council) on or after November 23, 2010 by North Atlantic Towers LLC and AT&T (the "Applicants") for a certificate of environmental compatibility and public hearing and operation of a wireless telecommunication facility in Branford, Connecticut. The property being considered for the proposal wireless telecommunications facility (the "Facility") is located at 171 Short Beach Road. The proposed Facility will be located in the north-west portion of the property and will consist of a 120-foot self-supporting monopole tower, antennas and a 50' x 50' fenced equipment compound designed to accommodate unmanned equipment in either single-story equipment buildings or on concrete pads. Vehicle access to the Facility will extend from Short Beach Road along an existing driveway.

The location, height and other features of the proposed Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et seq.
The Facility is being proposed to allow AT&T and Clearwire to provide service in this area of the Town. The Application explains the need, purpose and benefits of the Facility and also describes the environmental impacts of the proposed Facility.

AFFIDAVIT

Applicant: Quinnipiac University

Project Title: Operation of a 1.5 Tesla Magnetic Resonance Imaging Scanner and 64-Slice Computed Tomography Scanner

I, Edward O'Connor Dean, School of Health Sciences
(Individual's Name) (Position Title – CEO or CFO)

of Quinnipiac University being duly sworn, depose and state that
(Hospital or Facility Name)

Quinnipiac University's information submitted in this Certificate of
(Hospital or Facility Name)

Need Application is accurate and correct to the best of my knowledge.

Edward O'Connor 10.26.10
Signature Date

Subscribed and sworn to before me on 26, of October, 2010

Catherine E. Hempke

Notary Public/Commissioner of Superior Court
My Commission Expires
My commission expires: July 31, 2012



**State of Connecticut
Office of Health Care Access
Certificate of Need Application**

Instructions: Please complete all sections of the Certificate of Need ("CON") application. If any section or question is not relevant to your project, a response of "Not Applicable" may be deemed an acceptable answer. If there is more than one applicant, identify the name and all contact information for each applicant. OHCA will assign a Docket Number to the CON application once the application is received by OHCA.

Docket Number:

Applicant: Quinnipiac University

Contact Person: Edward O'Connor

Contact Person's Title: Dean, School of Health Sciences

Contact Person's Address: Quinnipiac University
275 Mount Carmel Avenue
Hamden, CT 06518

Contact Person's Phone Number: (203) 582-5202

Contact Person's Fax Number: (203) 582-8706

Contact Person's Email Address: Edward.O'Connor@quinnipiac.edu

Project Town: North Haven, CT

Project Name: Operation of a 1.5 Tesla Magnetic Resonance Imaging Scanner and 64-Slice Computed Tomography Scanner

Statute Reference: Section 19a-638, C.G.S.

Estimated Total Capital Expenditure: \$1,700,433.80

1. Project Description: Acquisition of Equipment

- a. Please provide a narrative detailing the proposal.

Quinnipiac University opened an additional campus in North Haven, Connecticut August of 2009. The campus currently houses the University's School of Health Sciences, School of Education and will soon include the new medical school. Currently the University provides educational programs in both radiography (baccalaureate level) and radiologist assistant (master's level). As part of the curriculum for both programs students receive training on imaging equipment currently owned by the University. Equipment currently used for educational purposes includes a Toshiba Kalare Radiographic/Fluoroscopic Unit. In addition students in both programs receive training on advanced imaging equipment including Toshiba Xario Ultrasound Systems and a Siemens Mammomat 300 Unit. The radiologist assistant students receive education instruction on a Toshiba Ultimax Angiographic Suite with fluoroscopy.

The imaging equipment currently available on the University's campus is also used for research. Faculty in the Department of Diagnostic Imaging and faculty from other disciplines within the university use the equipment for numerous research projects.

As Quinnipiac University continues to expand their educational opportunities to students and research opportunities to faculty, the University would like to provide opportunities for students and faculty to use state of the art imaging equipment for both purposes. Undergraduate and graduate students currently enrolled in programs offered by the Diagnostic Imaging Department receive didactic instruction for both computed tomography and magnetic resonance imaging and faculty in the department perform research using both modalities at external facilities.

The acquisition of a Toshiba Vantage 1.5 Tesla Magnetic Resonance Imaging scanner and Toshiba Aquillion 64-Slice Computer Tomography scanner by the Applicant will be used for the education of students in programs offered by Quinnipiac University and research for faculty at Quinnipiac University.

- b. Provide letters that have been received in support of the proposal.

Not Applicable

- c. Provide the Manufacturer, Model, Number of slices/tesla strength of the proposed scanner (as appropriate to each piece of equipment).

Toshiba Vantage 1.5T MRI
Toshiba Aquillion 64-slice CT

- d. List each of the Applicant's sites and the imaging modalities and other services currently offered by location.

Not Applicable

2. Clear Public Need

- a. Explain why there is a clear public need for the proposed equipment. Provide evidence that demonstrates this need.

Not Applicable

- b. Provide the utilization of existing health care facilities and health care services in the Applicant's service area.

Not Applicable

- c. Complete **Table 1** for each piece of equipment of the type proposed currently operated by the Applicant at each of the Applicant's sites.

Table 1: Existing Equipment Operated by the Applicant

Provider Name Street Address Town, Zip Code	Description of Service *	Hours/Days of Operation **	Utilization ***
Quinnipiac University 370 Bassett Road North Haven, CT 06437	Not Applicable	Not Applicable	Not Applicable

* Include equipment strength (e.g. slices, tesla strength), whether the unit is open or closed (for MRI)

** Days of the week unit is operational, and start and end time for each day; and

*** Number of scans/exams performed on each unit for the most recent 12-month period (identify period).

- d. Provide the following regarding the proposal's location:

- i. The rationale for locating the proposed equipment at the proposed site;

Location of the applicants School of Health Sciences

- ii. The population to be served, including specific evidence such as incidence, prevalence, or other demographic data that demonstrates need;

Students enrolled at Quinnipiac University

- iii. How and where the proposed patient population is currently being served;

Not Applicable

iv. All existing providers (name, address) of the proposed service in the towns listed above and in nearby towns;

Not Applicable

v. The effect of the proposal on existing providers; and

Not Applicable

vi. If the proposal involves a new site of service, identify the service area towns and the basis for their selection.

Not Applicable

e. Explain why the proposal will not result in an unnecessary duplication of existing or approved health care services.

Not Applicable

3. Actual and Projected Volume

a. Complete the following tables for the past three fiscal years ("FY"), current fiscal year ("CFY"), and first three projected FYs of the proposal, for each of the Applicant's existing and proposed pieces of equipment (of the type proposed, at the proposed location only). In Table 2a, report the units of service by piece of equipment, and in Table 2b, report the units of service by type of exam (e.g. if specializing in orthopedic, neurosurgery, or if there are scans that can be performed on the proposed scanner that the Applicant is unable to perform on its existing scanners).

Table 2a: Historical, Current, and Projected Volume, by Equipment Unit

Not Applicable

	Actual Volume (Last 3 Completed FYs)			CFY Volume*	Projected Volume (First 3 Full Operational FYs)**		
	FY ****	FY ****	FY ****	FY ****	FY ****	FY ****	FY ****
Scanner***							
Total							

* For periods greater than 6 months, report annualized volume, identifying the number of actual months covered and the method of annualizing. For periods less than six months, report actual volume and identify the period covered.

** If the first year of the proposal is only a partial year, provide the first partial year and then the first three full FYs. Add columns as necessary.

*** Identify each scanner separately and add lines as necessary. Also break out inpatient/outpatient/ED volumes if applicable.

**** Fill in years. In a footnote, identify the period covered by the Applicant's FY (e.g. July 1-June 30, calendar year, etc.).

Table 2b: Historical, Current, and Projected Volume, by Type of Scan/Exam

Not Applicable

	Actual Volume (Last 3 Completed FYs)			CFY Volume*	Projected Volume (First 3 Full Operational FYs)**		
	FY ****	FY ****	FY ****	FY ****	FY ****	FY ****	FY ****
Service type***							
Total							

* For periods greater than 6 months, report annualized volume, identifying the number of actual months covered and the method of annualizing. For periods less than six months, report actual volume and identify the period covered.

** If the first year of the proposal is only a partial year, provide the first partial year and then the first three full FYs. Add columns as necessary.

*** Identify each type of scan/exam (e.g. orthopedic, neurosurgery or if there are scans/exams that can be performed on the proposed piece of equipment that the Applicant is unable to perform on its existing equipment) and add lines as necessary.

**** Fill in years. In a footnote, identify the period covered by the Applicant's FY (e.g. July 1-June 30, calendar year, etc.).

- b. Provide a breakdown, by town, of the volumes provided in Table 2a for the most recently completed full FY.
- c. Describe existing referral patterns in the area to be served by the proposal.
- d. Explain how the existing referral patterns will be affected by the proposal.
- e. Explain any increases and/or decreases in volume seen in the tables above.
- f. Provide a detailed explanation of all assumptions used in the derivation/ calculation of the projected volume by scanner and scan type.
- g. Provide a copy of any articles, studies, or reports that support the need to acquire the proposed scanner, along with a brief explanation regarding the relevance of the selected articles.

4. Quality Measures

- a. Submit a list of all key professional, administrative, clinical, and direct service personnel related to the proposal. Attach a copy of their Curriculum Vitae.

Comment [QF1]: Need to list and obtain CVs from faculty, dean

b. Explain how the proposal contributes to the quality of health care delivery in the region.

c. Not Applicable

5. Organizational and Financial Information

a. Identify the Applicant's ownership type(s) (e.g. Corporation, PC, LLC, etc.).

Corporation

b. Does the Applicant have non-profit status?

x Yes (Provide documentation) No

c. Provide a copy of the State of Connecticut, Department of Public Health license(s) currently held by the Applicant and indicate any additional licensure categories being sought in relation to the proposal.

d. Financial Statements

i. If the Applicant is a Connecticut hospital: Pursuant to Section 19a-644, C.G.S., each hospital licensed by the Department of Public Health is required to file with OHCA copies of the hospital's audited financial statements. If the hospital has filed its most recently completed fiscal year audited financial statements, the hospital may reference that filing for this proposal.

ii. If the Applicant is not a Connecticut hospital (other health care facilities): Audited financial statements for the most recently completed fiscal year. If audited financial statements do not exist, in lieu of audited financial statements, provide other financial documentation (e.g. unaudited balance sheet, statement of operations, tax return, or other set of books.)

Included

- e. Submit a final version of all capital expenditures/costs as follows:

Table 3: Proposed Capital Expenditures/Costs

Medical Equipment Purchase	\$
Imaging Equipment Purchase	1,700,433.80
Non-Medical Equipment Purchase	
Land/Building Purchase *	
Construction/Renovation **	
Other Non-Construction (Specify)	
Total Capital Expenditure (TCE)	\$1,700,433.80
Medical Equipment Lease (Fair Market Value) ***	\$
Imaging Equipment Lease (Fair Market Value) ***	
Non-Medical Equipment Lease (Fair Market Value) ***	
Fair Market Value of Space ***	
Total Capital Cost (TCC)	\$0
Total Project Cost (TCE + TCC)	\$1,700,433.80
Capitalized Financing Costs (Informational Purpose Only)	
Total Capital Expenditure with Cap. Fin. Costs	\$

* If the proposal involves a land/building purchase, attach a real estate property appraisal including the amount; the useful life of the building; and a schedule of depreciation.

** If the proposal involves construction/renovations, attach a description of the proposed building work, including the gross square feet; existing and proposed floor plans; commencement date for the construction/renovation; completion date of the construction/renovation; and commencement of operations date.

*** If the proposal involves a capital or operating equipment lease and/or purchase, attach a vendor quote or invoice; schedule of depreciation; useful life of the equipment; and anticipated residual value at the end of the lease or loan term.

- f. List all funding or financing sources for the proposal and the dollar amount of each. Provide applicable details such as interest rate; term; monthly payment; pledges and funds received to date; letter of interest or approval from a lending institution.
- g. Demonstrate how this proposal will affect the financial strength of the state's health care system.

Not Applicable

6. Patient Population Mix: Current and Projected

- a. Provide the current and projected patient population mix (based on the number of patients, not based on revenue) with the CON proposal for the proposed program.

Table 4: Patient Population Mix

Not Applicable at this time – projected to be used for uninsured patients beginning 2011.

	Current** FY 2010	Year 1 FY 2011	Year 2 FY2012	Year 3 FY 2013
Medicare*				
Medicaid*				
CHAMPUS & TriCare				
Total Government				
Commercial Insurers*				
Uninsured		To be Determined	To be Determined	To be Determined
Workers Compensation				
Total Non-Government/Pro Bono		To be Determined	To be Determined	To be Determined
Total Payer Mix				

* Includes managed care activity.

** New programs may leave the “current” column blank.

*** Fill in years. Ensure the period covered by this table corresponds to the period covered in the projections provided.

- b. Provide the basis for/assumptions used to project the patient population mix.

The patient population will be referrals from Project Access-New Haven. The patient population for this group are uninsured and the services will be provided pro-bono.

7. Financial Attachments I & II

- a. Provide a summary of revenue, expense, and volume statistics, without the CON project, incremental to the CON project, and with the CON project. **Complete Financial Attachment I.** (Note that the actual results for the fiscal year reported in the first column must agree with the Applicant’s audited financial statements.) The projections must include the first three full fiscal years of the project.
- b. Provide a three year projection of incremental revenue, expense, and volume statistics attributable to the proposal by payer. **Complete Financial Attachment II.** The projections must include the first three full fiscal years of the project.
- c. Provide the assumptions utilized in developing **both Financial Attachments I and II** (e.g., full-time equivalents, volume statistics, other expenses, revenue and expense % increases, project commencement of operation date, etc.).

- d. Provide documentation or the basis to support the proposed rates for each of the FYs as reported in Financial Attachment II. Provide a copy of the rate schedule for the proposed service(s).
- e. Provide the minimum number of units required to show an incremental gain from operations for each fiscal year.
- f. Explain any projected incremental losses from operations contained in the financial projections that result from the implementation and operation of the CON proposal.
- g. Describe how this proposal is cost effective.

VoucherNumber	VouDate	InvoiceNumber	InvoiceDate	Check	Check Date	VendorName	GLAmt
V0381512	3/3/2009	2096196	2/17/2009	373738	3/6/2009	Toshiba America Med	77,402.00
V0383243	4/7/2009	2100815	2/26/2009	375224	4/9/2009	Toshiba America Med	12,753.60
V0393471	10/7/2009	2194713	9/9/2009	385296	10/12/2009	Toshiba America Med	114,782.40
V0394390	10/26/2009	2193636	9/4/2009	386214	11/2/2009	Toshiba America Med	541,814.00
V0394390	10/26/2009	2197367	9/15/2009	386214	11/2/2009	Toshiba America Med	621,349.40
V0401490	2/19/2010	2255568	1/21/2010	392737	3/1/2010	Toshiba America Med	177,528.40
V0404407	4/21/2010	2253300	1/15/2010	395202	4/26/2010	Toshiba America Med	154,804.00
							<u>1,700,433.80</u>

Include	Fund	Department	Object	InvoiceDescription
Yes	50	5911	85041	10% DEPOSIT ON AQUILION 64CT SCANNER
Yes	50	5911	85041	10% DEPOSIT ULTRASOUND
Yes	50	5911	85041	XARIO XG ULTRASOUND SYS SN_99E0973306 ULTRASOUND IMAGING INCLUD CONVEX TRANSDUCER 4D, IMAGEMAKER TOOLKIT, XARIO XG 4D KIT, PANORAMIC VIEW SONY COLOR PRINTER, MICRO CONVEX TRANSDUCER, SONY DIGITAL GRAYSCALE PRINTER MULTIFREQUENCY CONVEX TRANSDUC
Yes	50	5911	85041	AQUILION 64 CT SCANNER PER QUOTE DATED DECEMBER 23, 2008 70 % PAYMENT
Yes	50	5911	85041	AGV MRI SYSTEM R6 PACKAGE FOR VANTAGE. INCLUDING DRAKE REFRIG PACT48S3-T3-ZT PER QUOTE DATED DECEMBER 23, 2008 70 % BILLING
Yes	50	5911	85041	AGV MRI SYSTEM BALANCE PAYMENT
Yes	50	5911	85041	AQUILION 64 CT SCANNER BALANCE PAYMENT

VoucherNumber	VoiDate	InvoiceNumber	InvoiceDate	Check	Check Date	VendorName	GLAmt	Include	Fund	Department	Object
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V0393471	10/7/2009	2194713	9/9/2009	385296	10/12/2009	Toshiba America Med	114,782.40	Yes	50	5911	85041
V0394390	10/26/2009	2193636	9/4/2009	386214	11/2/2009	Toshiba America Med	541,814.00	Yes	50	5911	85041
V0394390	10/26/2009	2197367	9/15/2009	386214	11/2/2009	Toshiba America Med	621,349.40	Yes	50	5911	85041
V0401490	2/19/2010	2255568	1/21/2010	392737	3/1/2010	Toshiba America Med	177,528.40	Yes	50	5911	85041
V0404407	4/21/2010	2253300	1/15/2010	395202	4/26/2010	Toshiba America Med	154,804.00	Yes	50	5911	85041
							<u>1,700,433.80</u>				

Invoice Description

10% DEPOSIT ON AQUILION 64CT SCANNER
10% DEPOSIT ULTRASOUND
XARIO XG ULTRASOUND SYS SN_99E0973306
ULTRASOUND IMAGING INCLUD CONVEX TRANSDUCER 4D,
IMAGEMAKER TOOLKIT, XARIO XG 4D KIT, PANORAMIC VIEW
SONY COLOR PRINTER, MICRO CONVEX TRANSDUCER,
SONY DIGITAL GRAYSCALE PRINTER MULTIFREQUENCY
CONVEX TRANSDUC
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AGV MRI SYSTEM BALANCE PAYMENT
AQUILION 64 CT SCANNER BALANCE PAYMENT

*Quinnipiac University and Affiliates
Consolidated Financial Report
June 30, 2009 and 2008*

QUINNIPIAC UNIVERSITY AND AFFILIATES

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INDEPENDENT AUDITOR'S REPORT

To the Board of Trustees
Quinnipiac University
Hamden, Connecticut

We have audited the accompanying consolidated statement of financial position of Quinnipiac University (the University) as of June 30, 2009 and the related consolidated statements of activities and cash flows for the year then ended. These financial statements are the responsibility of the University's management. Our responsibility is to express an opinion on these financial statements based on our audit. The consolidated financial statements of the University as of and for the year ended June 30, 2008, were audited by other auditors, whose report dated November 17, 2008, expressed an unqualified opinion on those statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the University as of June 30, 2009, and the changes in its net assets and its cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

UHY LLP

New Haven, Connecticut
October 26, 2009

QUINNIPIAC UNIVERSITY AND AFFILIATES
CONSOLIDATED STATEMENTS OF FINANCIAL POSITION
JUNE 30, 2009 AND 2008

ASSETS	2009	2008
Cash and cash equivalents	\$ 5,195,801	\$ 5,526,318
Student and miscellaneous receivables	4,535,904	4,647,313
Prepaid expenses and other assets	1,857,543	1,706,682
Assets held by bond trustee (Notes 4 and 6)	128,632,795	275,960,173
Pledges receivable, net (Note 3)	3,347,794	4,724,627
Loans receivable	3,744,069	3,837,810
Charitable remainder and third party trusts (Note 4)	357,939	883,986
Investments, at market value (Note 4)	222,634,680	245,756,252
Debt issuance costs (Note 6)	8,087,683	8,439,096
Plant assets, net (Notes 5 and 6)	<u>671,367,375</u>	<u>491,642,668</u>
TOTAL ASSETS	<u>\$ 1,049,761,583</u>	<u>\$ 1,043,124,925</u>
LIABILITIES AND NET ASSETS		
Accounts payable and accrued expenses (Notes 5 and 13)	\$ 54,144,699	\$ 27,145,815
Accrued payroll and payroll taxes	14,299,790	11,244,865
Deposits	5,585,879	4,803,748
Deferred revenue	23,733,772	22,778,761
Annuities payable	342,869	270,006
Refundable government advances for loan programs	3,037,647	3,027,436
Interest rate swaps (Notes 4 and 7)	12,796,761	6,943,563
Mortgage and other notes payable (Note 6)	<u>499,251,095</u>	<u>501,689,561</u>
Total liabilities	<u>613,192,512</u>	<u>577,903,755</u>
NET ASSETS:		
Unrestricted:		
Board designated for future operations and capital projects	157,599,213	196,863,499
Invested in plant assets	<u>259,708,621</u>	<u>250,429,268</u>
Total unrestricted	417,307,834	447,292,767
Temporarily restricted (Note 10)	5,893,027	6,061,474
Permanently restricted (Note 10)	<u>13,368,210</u>	<u>11,866,929</u>
Total net assets	<u>436,569,071</u>	<u>465,221,170</u>
TOTAL LIABILITIES AND NET ASSETS	<u>\$ 1,049,761,583</u>	<u>\$ 1,043,124,925</u>

See notes to consolidated financial statements.

QUINNIPIAC UNIVERSITY AND AFFILIATES

CONSOLIDATED STATEMENT OF ACTIVITIES FOR THE YEAR ENDED JUNE 30, 2009

	Unrestricted	Temporarily Restricted	Permanently Restricted	2009 Total
OPERATING REVENUES:				
Tuition and fees	\$ 209,214,985	\$ -	\$ -	\$ 209,214,985
Less University funded scholarships	<u>(50,359,896)</u>	<u>-</u>	<u>-</u>	<u>(50,359,896)</u>
Net tuition and fees	158,855,089	-	-	158,855,089
Auxiliary enterprises	45,452,466	-	-	45,452,466
Government grants	5,537,793	-	-	5,537,793
Organized activities and other	6,665,924	-	-	6,665,924
Gifts and private grants	422,889	427,237	-	850,126
Net assets released from restrictions for current operations (Note 11)	<u>459,648</u>	<u>(459,648)</u>	<u>-</u>	<u>-</u>
Total operating revenues	<u>217,393,809</u>	<u>(32,411)</u>	<u>-</u>	<u>217,361,398</u>
OPERATING EXPENSES:				
Instruction	75,623,116	-	-	75,623,116
Auxiliary enterprises	39,335,669	-	-	39,335,669
Institutional support	27,943,327	-	-	27,943,327
Student services	26,594,982	-	-	26,594,982
Academic support	11,523,501	-	-	11,523,501
Student financial aid	4,280,553	-	-	4,280,553
Sponsored research, training and other	<u>3,741,850</u>	<u>-</u>	<u>-</u>	<u>3,741,850</u>
Total operating expenses	<u>189,042,998</u>	<u>-</u>	<u>-</u>	<u>189,042,998</u>
INCREASE (DECREASE) FROM OPERATING ACTIVITIES	<u>28,350,811</u>	<u>(32,411)</u>	<u>-</u>	<u>28,318,400</u>
NON-OPERATING REVENUES (EXPENSES):				
Loss on investments (Note 4)	(41,531,796)	-	-	(41,531,796)
Change in fair value of trusts held by third parties and split interest agreements	(67,181)	(475,547)	(9,113)	(551,841)
Gifts and private grants	-	560,778	1,510,394	2,071,172
Change in fair value of interest rate swaps (Note 7)	(5,853,198)	-	-	(5,853,198)
Loss on retirement of interest rate swaps (Note 7)	(9,490,000)	-	-	(9,490,000)
Retirement of indebtedness expenses and capital project termination costs (Note 6)	(1,614,836)	-	-	(1,614,836)
Net assets released from restrictions for other than current operations (Note 11)	<u>221,267</u>	<u>(221,267)</u>	<u>-</u>	<u>-</u>
(DECREASE) INCREASE FROM NON-OPERATING ACTIVITIES	<u>(58,335,744)</u>	<u>(136,036)</u>	<u>1,501,281</u>	<u>(56,970,499)</u>
(DECREASE) INCREASE IN NET ASSETS	<u>(29,984,933)</u>	<u>(168,447)</u>	<u>1,501,281</u>	<u>(28,652,099)</u>
NET ASSETS, BEGINNING OF YEAR	<u>447,292,767</u>	<u>6,061,474</u>	<u>11,866,929</u>	<u>465,221,170</u>
NET ASSETS, END OF YEAR	<u>\$ 417,307,834</u>	<u>\$ 5,893,027</u>	<u>\$ 13,368,210</u>	<u>\$ 436,569,071</u>

See notes to consolidated financial statements.

QUINNIPIAC UNIVERSITY AND AFFILIATES

CONSOLIDATED STATEMENT OF ACTIVITIES FOR THE YEAR ENDED JUNE 30, 2008

	Unrestricted	Temporarily Restricted	Permanently Restricted	2008 Total
OPERATING REVENUES:				
Tuition and fees	\$ 190,622,341	\$ -	\$ -	\$ 190,622,341
Less University funded scholarships	<u>(42,417,989)</u>	<u>-</u>	<u>-</u>	<u>(42,417,989)</u>
Net tuition and fees	148,204,352	-	-	148,204,352
Auxiliary enterprises	41,502,730	-	-	41,502,730
Government grants	4,770,302	-	-	4,770,302
Organized activities and other	5,451,240	-	-	5,451,240
Gifts and private grants	801,180	373,324	-	1,174,504
Net assets released from restrictions for current operations (Note 11)	<u>434,887</u>	<u>(434,887)</u>	<u>-</u>	<u>-</u>
Total operating revenues	<u>201,164,691</u>	<u>(61,563)</u>	<u>-</u>	<u>201,103,128</u>
OPERATING EXPENSES:				
Instruction	69,034,365	-	-	69,034,365
Auxiliary enterprises	34,631,333	-	-	34,631,333
Institutional support	26,408,817	-	-	26,408,817
Student services	24,157,151	-	-	24,157,151
Academic support	11,361,916	-	-	11,361,916
Student financial aid	4,118,331	-	-	4,118,331
Sponsored research, training and other	<u>2,256,116</u>	<u>-</u>	<u>-</u>	<u>2,256,116</u>
Total operating expenses	<u>171,968,029</u>	<u>-</u>	<u>-</u>	<u>171,968,029</u>
INCREASE (DECREASE) FROM OPERATING ACTIVITIES	<u>29,196,662</u>	<u>(61,563)</u>	<u>-</u>	<u>29,135,099</u>
NON-OPERATING REVENUES (EXPENSES):				
Loss on investments (Note 4)	(16,890,425)	-	-	(16,890,425)
Change in fair value of trusts held by third parties	-	173,888	5,250	179,138
Gifts and private grants	-	393,721	2,277,774	2,671,495
Change in fair value of interest rate swaps (Note 7)	(9,586,675)	-	-	(9,586,675)
Loss on retirement of interest rate swaps (Note 7)	(9,823,000)	-	-	(9,823,000)
Retirement of indebtedness expenses (Note 6)	(5,847,682)	-	-	(5,847,682)
Net assets released from restrictions for other than current operations (Note 11)	<u>972,764</u>	<u>(972,764)</u>	<u>-</u>	<u>-</u>
(DECREASE) INCREASE FROM NON-OPERATING ACTIVITIES	<u>(41,175,018)</u>	<u>(405,155)</u>	<u>2,283,024</u>	<u>(39,297,149)</u>
(DECREASE) INCREASE IN NET ASSETS	<u>(11,978,356)</u>	<u>(466,718)</u>	<u>2,283,024</u>	<u>(10,162,050)</u>
NET ASSETS, BEGINNING OF YEAR	<u>459,271,123</u>	<u>6,528,192</u>	<u>9,583,905</u>	<u>475,383,220</u>
NET ASSETS, END OF YEAR	<u>\$ 447,292,767</u>	<u>\$ 6,061,474</u>	<u>\$ 11,866,929</u>	<u>\$ 465,221,170</u>

See notes to consolidated financial statements.

QUINNIPIAC UNIVERSITY AND AFFILIATES

**CONSOLIDATED STATEMENTS OF CASH FLOWS
YEARS ENDED JUNE 30, 2009 AND 2008**

	2009	2008
CASH FLOWS FROM OPERATING ACTIVITIES:		
(Decrease) Increase in net assets	\$ (28,652,099)	\$ (10,162,050)
Adjustments to reconcile changes in net assets to net cash provided by operating activities:		
Depreciation and amortization	12,774,834	16,610,696
Realized loss (gain) on sale of investments	21,056,213	(11,860,273)
Unrealized loss on investments	27,141,964	37,490,195
Loss on interest rate swap	9,490,000	9,823,000
Change in value of trusts held by third parties	484,660	(179,138)
Loss (Gain) on disposal of assets	237,601	(5,135)
Change in net present value discount	(80,737)	(83,325)
Provision for bad debts	(129,437)	3,968
Contributions restricted for endowment and investment in plant assets	(3,367,015)	(2,419,038)
Changes in assets and liabilities:		
Student and miscellaneous receivables	111,409	(2,435,043)
Prepaid expenses and other assets	(150,861)	94,704
Pledges receivable	1,657,339	(149,598)
Accounts payable	(650,503)	3,897,354
Accrued payroll and payroll taxes	3,054,925	496,098
Deposits	782,131	430,578
Deferred revenues	955,011	1,978,932
Interest rate swaps	<u>5,853,198</u>	<u>9,586,675</u>
Net cash provided by operating activities	<u>50,568,633</u>	<u>53,118,600</u>
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchases of investments	(70,975,679)	(100,403,982)
Proceeds from sale of investments	45,899,074	111,098,256
Distributions from third party trusts	41,387	81,428
Student loans advanced	(296,950)	(676,665)
Student loans collected	387,541	495,507
Decrease (increase) in assets held by bond trustee	147,327,378	(236,858,720)
Purchase of plant assets	(165,888,388)	(140,795,310)
Proceeds from sale of plant assets	<u>314,080</u>	<u>31,300</u>
Net cash used in investing activities	<u>(43,191,557)</u>	<u>(367,028,186)</u>
CASH FLOWS FROM FINANCING ACTIVITIES:		
Contributions restricted for endowment	1,405,241	1,332,032
Contributions restricted for investment in plant assets	1,961,774	1,087,006
Payments of debt issuance costs	-	(6,680,674)
Proceeds from annuities payable	47,689	9,121
Payments of annuities payable	(42,008)	(22,515)
Proceeds from swaps	-	1,734,000
Payments made on swaps	(9,490,000)	(1,629,000)
Proceeds from debt service reserve	-	11,174,918
Proceeds from notes payable	1,317,211	429,908,871
Payments of mortgage and other notes payable	(2,917,711)	(125,216,355)
Refundable government advances for loan programs	<u>10,211</u>	<u>(8,850)</u>
Net cash (used in) provided by financing activities	<u>(7,707,593)</u>	<u>311,688,554</u>
NET DECREASE IN CASH AND CASH EQUIVALENTS	(330,517)	(2,221,032)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	<u>5,526,318</u>	<u>7,747,350</u>
CASH AND CASH EQUIVALENTS, END OF YEAR	<u>\$ 5,195,801</u>	<u>\$ 5,526,318</u>
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION:		
Interest paid	<u>\$ 19,470,300</u>	<u>\$ 5,797,727</u>
Deferred payments for plant assets	<u>\$ 45,004,831</u>	<u>\$ 17,355,444</u>
Donated assets	<u>\$ 208,062</u>	<u>\$ 13,500</u>

See notes to consolidated financial statements.

QUINNIPIAC UNIVERSITY AND AFFILIATES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS YEARS ENDED JUNE 30, 2009 AND 2008

1. ORGANIZATION SUMMARY

The accompanying consolidated financial statements include the accounts of Quinnipiac University (the "University") and its affiliates, Quinnipiac University Online, Inc. and Albert Schweitzer Institute, Inc.

The University is an institution of higher education, which is accredited by the Board of Higher Education of the State of Connecticut and the New England Association of Schools and Universities. Its purpose is to offer programs of instruction leading to undergraduate and graduate degrees in a wide range of professional fields relating to health sciences, business, law, and communications, as well as in various theoretical and applied disciplines of arts and science. The University has approximately 5,700 full-time undergraduate, 200 part-time undergraduate and 1,800 full-time and part-time graduate enrolled students.

Quinnipiac University Online, Inc. develops, prepares and delivers distance education.

Albert Schweitzer Institute, Inc. is an organization that is dedicated to advancing the philosophy, ideals and humanitarianism of Dr. Albert Schweitzer in the areas of medicine, human rights, environmental protection, music, philosophy, theology and world peace.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The significant accounting policies followed by the University are described below.

Basis of Presentation - The consolidated financial statements are prepared on the accrual basis of accounting in accordance with Statement of Financial Accounting Standards ("SFAS") No. 117, *Financial Statements of Not-for-Profit Organizations*. Accordingly, net assets and revenue, expenses, gains, and losses are classified based on the existence or absence of donor-imposed restrictions. Accordingly, net assets of the University and changes therein are classified and reported as follows:

Unrestricted net assets - Net assets that are not subject to donor-imposed stipulations.

Temporarily restricted net assets - Net assets subject to donor-imposed stipulations that may or will be met either by actions of the University or by the passage of time.

Permanently restricted net assets - Net assets subject to donor-imposed stipulations that they be maintained permanently by the University. Generally, the donors of these assets permit the University to use all or part of the earnings on related investments for general or specific purposes.

Prior to October 1, 2007, administration of the University's endowment fund was subject to the provisions of the Uniform Management of Institutional Funds Act ("UMIFA"). Effective October 1, 2007, this act was replaced with the Uniform Prudent Management of Institutional Funds Act ("UPMIFA"). Under this state law, a governing board may appropriate for expenditure, for the uses and purposes for which an endowment fund is established, so much of the net appreciation as is deemed prudent based on standards established by UPMIFA. While a governing board must exercise ordinary business care in the appropriation of such net appreciation, the provisions of

UPMIFA do not mandate that institutions retain endowment gains permanently. Accordingly, generally accepted accounting principles (“GAAP”) requires institutions that are subject to UPMIFA provisions to report gains on endowment assets as increases in unrestricted net assets or temporarily restricted net assets based on the absence or existence of donor-imposed restrictions. However, if a specific gift instrument explicitly requires the reinvestment of appreciation, or a portion thereof, such reinvested amounts shall be classified within permanently restricted net assets. The original gift portion of endowment assets is classified within permanently restricted net assets pursuant to GAAP.

Principles of Consolidation - All intercompany balances and transactions have been eliminated in the preparation of the consolidated financial statements.

Cash and Cash Equivalents - Cash and cash equivalents consist of money market accounts, savings accounts and certificates of deposit purchased with original maturities of ninety days or less. Cash equivalents included in the long-term investment portfolio are classified as investments. At times, the University maintains deposits with financial institutions which exceed federally insured limits. The University has not experienced any losses from such concentrations. In connection with a sponsorship agreement, the University is required to maintain \$5,000,000 in compensating balances with a financial institution through 2017.

Student and Miscellaneous Receivables - Student and miscellaneous receivables are reported at their estimated net realizable amounts.

Assets Held by Bond Trustee – Assets held by bond trustee are unexpended proceeds of Connecticut Health and Educational Facilities Authority (“CHEFA”) revenue bonds. These funds are invested in money market mutual fund accounts and will be utilized to fund construction of certain facilities.

Charitable Remainder and Third Party Trusts – The University is the beneficiary of certain trusts held and administered by outside trustees. These trust assets are reported at fair value, which approximates the present value of future income flows from these trusts. The related net assets are recognized as temporarily or permanently restricted in accordance with the trust agreements.

Interest Rate Swaps - The University accounts for interest rate swaps in accordance with SFAS No. 133, *Accounting for Derivative Instruments and Hedging Activities*. SFAS No. 133 requires not-for-profit organizations to record all derivative instruments as an asset or liability and to recognize changes in fair value on the derivative instrument as a change in net assets in the period of change. The fair value of the interest rate swaps is based upon quotes from the market makers of these instruments and represents the estimated amounts the University would expect to receive or pay to terminate the interest rate swaps. The net amount to be paid or received under the interest rate swap agreements is recorded as a component of interest expense.

Investments - Investments in equity securities with readily determinable fair values and all investments in debt securities are reported at fair value with realized and unrealized gains and losses included in the Statement of Activities. The University’s investments in alternative investments and private equity securities are not traded in an active market and therefore may not be readily marketable. Investments in these categories, which are managed externally, are valued using the most current information provided by the fund manager. As a result, the estimated value of these investments is subject to uncertainty and may differ significantly from the value that would have been used had an active market existed. The estimated values are reviewed and evaluated by the University’s Finance Committee and management.

Debt Issuance Costs – Costs incurred in issuing revenue bonds by the CHEFA on behalf of the University are deferred and amortized on a straight line basis over the terms of the bonds.

Plant Assets - Plant assets are recorded at cost at the date of acquisition or fair value at the date of donation in the case of gifts. Assets acquired under capital leases are recorded at the lower of the net present value of the minimum lease payments or the fair value of the assets at the inception of the lease.

Depreciation and amortization are computed using the straight-line method over the estimated useful lives of the assets or applicable lease term, if shorter, as follows:

Buildings	60 years
Building improvements	7 to 25 years
Library books	20 years
Furniture and fixtures	10 years
Equipment, machinery and vehicles	5 to 10 years
Computers and software	5 years

The University capitalizes interest cost as part of the cost of constructing qualifying assets. In situations involving assets financed with the proceeds of restricted tax-exempt borrowings, interest expense is reduced by any interest income earned on the temporary investment of the proceeds of such borrowings.

The cost of assets sold or retired and the related amounts of accumulated depreciation are eliminated from the accounts in the year of disposal and any resulting gains or losses are accounted for in the Statement of Activities.

Deferred Revenues - Deferred revenues consist of tuition and fees received from students in advance of attending courses at the University in upcoming terms, unearned revenues from summer camps and unearned revenues from contracts with service providers which are recognized over the life of the contracts. Revenues for summer sessions that span a fiscal year are recognized during the year in which the majority of the revenues become non-refundable.

Annuities Payable - The University has a charitable gift annuity program whereby donors receive annuity payments based on the value of contributions to the University. The annual return to the donor ranges from 6.6% to 11.0% of the contribution and is based on the donor's age at the time of the gift. Gift revenue is recognized as the net of the contribution at fair market value and the annuity payable liability. The annuity payable liability is the net present value of the annuity payments over the donor's estimated life which is determined using Internal Revenue Service ("IRS") actuarial tables and the IRS Section 7520 discount rate.

Refundable Government Advances for Loan Programs - The University participates in the federally sponsored Perkins and Health Profession loan programs. The government's contributions to these programs are recorded as liabilities on the Statement of Financial Position.

Tuition and fees – Student tuition and fees are recorded as revenue during the year the related academic services are rendered.

Contributions - Contributions received, including unconditional pledges, are recognized as revenues when a donor's commitment is received. Contributions with donor-imposed restrictions are recorded as temporarily restricted net assets until the restrictions are met or as permanently restricted net assets. At the time the temporary restrictions are met, they are reported as net assets released from restrictions.

Unconditional promises to give that are expected to be collected within one year are recorded at their net realizable value. Unconditional promises to give that are expected to be collected in future years are recorded at the present value of estimated cash flows after an allowance for estimated uncollectible contributions is provided. The discounts on these amounts are computed using a risk-free interest rate applicable to the year in which the promise is received. Amortization of the discount is included in contribution revenue.

Investment expense – The University reports investment income net of the related investment expense.

Operating and Non-Operating Activities- The operating activities of the University include all income and expenses related to carrying out its mission of educating students. Investment return designated for current operations is determined in accordance with the University's endowment spending rate policy (see Note 4). Nonoperating activities include the excess of total investment return over investment return designated for current operations, gifts and donations to the permanent endowment, gifts and donations for capital purposes, the change in the fair value of trusts held by third parties, the change in the fair value of interest rate swaps (see Note 7), retirement of indebtedness expenses (see Note 6), and interest and amortization expenses related to debt and annuities payable.

Tax Status - The Internal Revenue Service has ruled that the University is a Section 501(c)(3) organization, exempt from Federal income tax under Section 501(a) of the Internal Revenue Code (the "IRC"). The University has been classified as a publicly supported organization under Section 509(a)(1) of the IRC and qualifies for the maximum charitable contribution deduction by donors. The University is also exempt from State of Connecticut income taxes.

Use of Estimates - The preparation of the consolidated financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements. Estimates also affect the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Material estimates that are particularly susceptible to significant change in the near term relate to the valuation of investment securities and interest rate swaps and the determination of the allowance for uncollectible pledges and loans.

Recent Accounting Pronouncements – In July 2006, the Financial Accounting Standards Board ('FASB') issued FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes, an Interpretation of FASB Statement No. 109 ("FIN 48"). FIN 48 clarifies the accounting for uncertainty in income taxes by prescribing the recognition threshold a tax position is required to meet before being recognized in the financial statements. It also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN 48 is effective for fiscal years beginning after December 15, 2006 and was implemented by the University in 2008. Adoption of this standard had no impact on the University's financial statements.

In September 2006, the FASB issued SFAS No. 157, *Fair Value Measurements*. This statement defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. It clarifies that fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants in the market in which the reporting entity operates. This statement does not require any new fair value measurements, but rather it provides enhanced guidance to other pronouncements that require or permit assets or liabilities to be measured at fair value. This statement is effective for fiscal years beginning after November 15, 2007 and was implemented by the University in 2009.

In October 2008 the FASB issued FASB Staff Position No. FAS 157-3, *Determining the Fair Value of a Financial Asset When the Market for That Asset Is Not Active* ("FSP 157-3") which was effective upon issuance.

FSP 157-3 applies to financial assets within the scope of accounting pronouncements that require or permit fair value measurements in accordance with SFAS No. 157 and clarifies the application of SFAS No. 157, *Fair Value Measurements*, in a market that is not active and provides an example to illustrate key considerations in determining the fair value of a financial asset when the market for that financial asset is not active. As indicated above, FASB Statement No. 157 is effective for the University's year ending June 30, 2009 at which time FSP 157-3 will also be applicable.

In August 2008, the FASB issued FASB Staff Position No. 117-1, *Endowments of Not-for-Profit Organizations: Net Asset Classification of Funds Subject to an Enacted Version of the Uniform Prudent Management of Institutional Funds Act, and Enhanced Disclosures for All Endowment Funds* ("FSP 117-1"), which is effective for fiscal years ending after December 15, 2008 and was implemented by the University in 2009.

FSP 117-1 provides guidance on the net asset classification of donor-restricted endowment funds for a not-for-profit organization that is subject to an enacted version of the Uniform Prudent Management of Institutional Funds Act ("UPMIFA") and improves disclosures about an organization's endowment funds, whether or not the organization is subject to UPMIFA.

Subsequent Events – Events subsequent to June 30, 2009 have been evaluated through October 26, 2009, the date that the financial statements were available to be issued.

3. PLEDGES RECEIVABLE

Pledges receivable, less an allowance for uncollectible amounts, is recorded at their net present value in the year made. The net present value is determined by applying a discount rate, commensurate with the rate on U.S. treasury bills whose maturities correspond to the maturities of the pledges, to the expected annual cash flows from the collection of the pledges. The discount rates used ranged from 0.56% to 5.13%. The pledges from various corporations, foundations and individuals were as follows at June 30:

	2009	2008
Pledges due:		
In less than one year	\$ 1,220,817	\$ 1,690,874
In one to ten years	<u>2,659,333</u>	<u>3,846,616</u>
Pledges receivable	3,880,150	5,537,490
Less allowance for uncollectible pledges	(310,412)	(442,999)
Less discount for net present value	<u>(221,944)</u>	<u>(369,864)</u>
Pledges receivable, net	<u>\$ 3,347,794</u>	<u>\$ 4,724,627</u>

4. INVESTMENTS

The University invests in a combination of stocks, fixed income securities, money market funds, mutual funds, private equity funds and alternative investments, including hedge funds. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Investments are stated at estimated fair market value. Investments held by the University as of June 30 consisted of the following:

	2009	2008
Cash equivalents	\$ 24,496,042	\$ 20,664,102
Stocks and equity mutual funds	108,825,778	140,473,380
Bonds and bond mutual funds	54,601,393	48,471,998
Alternative investments	19,437,606	21,930,489
Private equity investments	<u>15,273,861</u>	<u>14,216,283</u>
Investments	<u>\$ 222,634,680</u>	<u>\$ 245,756,252</u>

Alternative investments at June 30, 2009 represent the University's investment in six multi-strategy hybrid fund of funds that employ a variety of low volatility, absolute return oriented strategies designed to achieve consistent returns which are not dependent upon a rising equity market or correlated with the major stock or bond markets. The funds employ a multi-strategy, multi-manager investment approach using traditional and nontraditional alternative strategies. The University has certain restrictions for withdrawal of funds that generally require 90 to 100 days notice. The University's equity in all six funds is less than one percent of each fund's participant equity.

The University has open commitments for capital investments in private equity investments of approximately \$9.7 million at June 30, 2009.

In accordance with SFAS 157, fair value is defined as the price that would be received to sell an asset in an orderly transaction between market participants at the measurement date in the principal or most advantageous market of the asset.

SFAS 157 established a three-tier hierarchy based on transparency of inputs to the valuation of an asset or liability:

Level 1: Highly liquid assets listed on public markets.

Level 2: Semi-liquid assets which are primarily non public investments priced with comparable market values. Inputs are observable.

Level 3: Highly illiquid assets valued using such methods as internal discounted cash flow estimates utilizing appropriate risk adjusted discount rates. Inputs are unobservable.

The three-tier hierarchy based on transparency of inputs to the valuation of an asset or liability is as follows:

	Level 1	Level 2	Level 3	Total
Financial assets:				
Investments:				
Cash equivalents	\$ 24,496,042	\$ -	\$ -	\$ 24,496,042
Stocks and equity mutual funds	108,825,778	-	-	108,825,778
Bonds and bond mutual funds	48,823,173	5,778,220	-	54,601,393
Alternative investments	-	-	19,437,606	19,437,606
Private equity investments	-	-	15,273,861	15,273,861
Total investments	<u>\$ 182,144,993</u>	<u>\$ 5,778,220</u>	<u>\$ 34,711,467</u>	<u>\$ 222,634,680</u>
Assets held by bond trustee	<u>\$ 128,632,795</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 128,632,795</u>
Charitable remainder and third party trusts	<u>\$ 357,939</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 357,939</u>
Financial liabilities:				
Interest rate swaps	<u>\$ -</u>	<u>\$ 12,796,761</u>	<u>\$ -</u>	<u>\$ 12,796,761</u>

The following is a reconciliation of Level 3 (at either the beginning or the ending of the period) for which significant unobservable inputs were used to determine fair value:

Private equity investments	Amount
Balance as of June 30, 2008	\$ 36,146,772
Issuances and settlements, net	<u>(1,435,305)</u>
Balance as of June 30, 2009	<u>\$ 34,711,467</u>

Investment income for the fiscal years ended June 30 consisted of the following:

	2009	2008
Dividends and interest	\$ 6,666,381	\$ 8,739,496
Realized (losses) gains	(20,087,463)	13,073,165
Unrealized losses	(27,141,964)	(37,490,194)
Investment expenses	<u>(968,750)</u>	<u>(1,212,892)</u>
Return on investments	<u>\$ (41,531,796)</u>	<u>\$ (16,890,425)</u>

5. PLANT ASSETS

Plant assets consisted of the following at June 30:

	2009	2008
Land and sitework	\$ 72,361,807	\$ 70,619,280
Buildings and building improvements	368,551,554	363,003,317
Furniture, equipment and library books	70,186,625	65,205,715
Construction in progress	<u>282,577,198</u>	<u>102,320,345</u>
Total	793,677,184	601,148,657
Less accumulated depreciation	<u>(122,309,809)</u>	<u>(109,505,989)</u>
Plant assets, net	<u>\$ 671,367,375</u>	<u>\$ 491,642,668</u>

Retainages related to construction in progress were \$9,909,434 and \$2,902,902 at June 30, 2009 and 2008, respectively, and are included in accounts payable and accrued expenses

The University had commitments under construction contracts of approximately \$85.6 million and \$70.6 million at June 30, 2009 and 2008, respectively.

The University has entered into a lease agreement with the previous owner of its North Haven campus. While the agreement stipulates lease expiration dates on various buildings from 2012 through 2018, the agreement also includes provisions for early termination options. Future minimum lease receivables under the terms of this agreement assuming early termination options are exercised are as follows:

Year	Amount
2010	\$ 2,771,187
2011	2,563,926
2012	2,635,676
2013	2,590,991
2014	2,669,122
Thereafter	<u>9,234,236</u>
Total future minimum lease receivable payments	<u>\$ 22,465,138</u>

6. MORTGAGE AND OTHER NOTES PAYABLE

Mortgage and other notes payable consisted of the following at June 30:

	2009	2008
Series K-2 revenue bonds	\$ 50,075,000	\$ 51,700,000
Series K-1 revenue bonds	62,400,000	63,675,000
Series J revenue bonds	165,545,000	165,545,000
Series I revenue bonds	134,570,000	134,570,000
Series H revenue bonds	67,495,000	67,495,000
Open end mortgage	310,153	327,864
	<u>480,395,153</u>	<u>483,312,864</u>
Unamortized premiums	<u>18,855,942</u>	<u>18,376,697</u>
Mortgage and other notes payable	<u>\$ 499,251,095</u>	<u>\$ 501,689,561</u>

The following is a summary of the principal debt service payments for all long-term debt as of June 30, 2009:

Year	Amount
2010	\$ 3,147,843
2011	3,399,712
2012	8,691,734
2013	9,173,921
2014	9,531,288
Thereafter	<u>446,450,655</u>
Total principal debt service payments	<u>\$480,395,153</u>

Interest expense of \$7,054,660 and \$2,428,327 relating to the construction of University buildings and improvements was capitalized during 2009 and 2008, respectively.

Series K-2 Revenue Bonds - On behalf of the University, CHEFA issued \$51,700,000 of Quinnipiac University Issue Series K-2 Revenue Bonds (the "Series K-2 revenue bonds") to provide funds to defease the Series E Revenue Bonds.

The Series K-2 revenue bonds were initially issued on December 20, 2007 as weekly auction rate securities and were subsequently refunded on April 22, 2008 with fixed rate bonds. The fixed rate bonds bear interest at rates ranging from 4.00% to 5.00%. The effective rate of the issue including bond premiums is 4.45%. Interest is payable semi-annually through 2028. Semi-annual sinking fund payments, which commenced on January 1, 2009 and continue through July 1, 2028 in amounts ranging from \$812,500 to \$2,237,500 are required to pay the principal amounts due on the bonds.

The Series K-2 revenue bond agreements contain certain covenants which place restrictions on, among other things, the University's ability to enter into contracts relating to the pledged assets, the disposal of pledged assets and the incurrence of additional indebtedness on the pledged assets. Such pledged assets include land and buildings on the University's main campus. The University is also required to maintain certain insurance coverage on its facilities.

Bond premiums of \$2,386,146 and debt issuance costs of \$806,399 were incurred in connection with the issuance of the Series K-2 revenue bonds. Such amounts are amortized utilizing the effective interest method over the life of the related mortgage. Accumulated amortization relating to the bond premium was \$133,222 and \$22,602 at June 30, 2009 and 2008, respectively. Accumulated amortization relating to debt issuance costs was \$76,373 and \$20,820, respectively.

Expenses of \$354,573 were incurred in the refunding of the Series K-2 revenue bonds. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2008.

Series K-1 Revenue Bonds - On behalf of the University, CHEFA issued \$64,650,000 of Quinnipiac University Issue, Series K-1 Revenue Bonds (the "Series K-1 revenue bonds") to provide funds to defease the Series F and G Revenue Bonds.

The Series K-1 revenue bonds were initially issued on December 20, 2007 as weekly auction rate securities and were subsequently refunded on April 22, 2008 with fixed rate bonds. The fixed rate bonds bear interest at rates ranging from 4.00% to 5.00%. The effective rate of the issue inclusive of bond premiums is 4.51%. Interest is payable semi-annually through 2031. Semi-annual sinking fund payments, which commenced on January 1, 2009 and continue through July 1, 2031 in amounts ranging from \$637,500 to \$2,062,500 are required to pay the principal amounts due on the bonds.

The Series K-1 revenue bond agreements contain certain covenants which place restrictions on, among other things, the University's ability to enter into contracts relating to the pledged assets, the disposal of pledged assets and the incurrence of additional indebtedness on the pledged assets. Such pledged assets include land and buildings on the University's main campus. The University is also required to maintain certain insurance coverage on its facilities.

Bond premiums of \$2,805,076 and debt issuance costs of \$977,604 were incurred in connection with the issuance of the Series K-1 revenue bonds. Such amounts are amortized utilizing the effective interest method over the life of the related mortgage. Accumulated amortization relating to the bond premium was \$140,840 and \$23,133 at June 30, 2009 and 2008, respectively. Accumulated amortization relating to debt issuance costs was \$81,540 and \$22,022 at June 30, 2009 and 2008, respectively.

Expenses of \$449,390 were incurred in the refunding of the Series K-1 revenue bonds. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2008.

Series J Revenue Bonds - On behalf of the University, CHEFA issued \$165,545,000 of Quinnipiac University Issue, Series J Revenue Bonds (the "Series J revenue bonds") to construct a new residence hall, student center and parking garage and parking lot.

The Series J revenue bonds were initially issued on December 20, 2007 as variable daily rate bonds and were subsequently refunded on September 3, 2008 with fixed rate bonds. The fixed rate bonds bear interest at rates ranging from 5.00% to 5.75%. The effective interest rate for the issue inclusive of bond premiums is 5.20%. Interest is payable semi-annually through 2037. Semi-annual sinking fund payments, which commence on January 1, 2029 and continue through July 1, 2036 in amounts ranging from \$5,722,500 to \$6,945,000 are required to pay the principal amounts due on the bonds. Semi-annual sinking fund payments of \$32,500,000 are due on January 1, 2037 and July 1, 2037.

The Series J revenue bond agreements contain certain covenants which place restrictions on, among other things, the University's ability to enter into contracts relating to the pledged assets, the disposal of pledged assets and the incurrence of additional indebtedness on the pledged assets. Such pledged assets include land and buildings on the University's main campus. The University is also required to maintain certain insurance coverage on its facilities.

Net bond premiums of \$1,317,211 and debt issuance costs of \$2,492,023 were incurred in connection with the issuance of the Series J revenue bonds. Such amounts are amortized utilizing the effective interest method over the life of the related mortgage. Accumulated amortization relating to bond premiums was \$37,167 at June 30, 2009. Accumulated amortization relating to the debt issuance costs was \$115,626 and \$44,851 at June 30, 2009 and 2008, respectively.

Expenses of \$1,085,054 were incurred in the refunding of the Series J revenue bonds. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2009.

Series I Revenue Bonds - On behalf of the University, CHEFA issued \$134,570,000 of Quinnipiac University Issue, Series I Revenue Bonds (the "Series I revenue bonds") to construct a new residence hall, student center and parking garage and parking lot.

The Series I revenue bonds were issued on December 20, 2007. The Series I revenue bonds bear interest at 4.375% and 5.00%. The effective interest rate for the issue inclusive of bond premium is 4.31%. Interest is payable semiannually through 2028. Semiannual sinking fund payments, which commence on January 1, 2012 and continue through July 1, 2028 in amounts ranging from \$2,595,000 to \$5,782,500 are required to pay the principal amount due on the bonds.

The Series I revenue bond agreements contain certain covenants which place restrictions on, among other things, the University's ability to enter into contracts relating to the pledged assets, the disposal of pledged assets and the incurrence of additional indebtedness on the pledged assets. Such pledged assets include land and buildings on the University's main campus. The University is also required to maintain certain insurance coverage on its facilities.

Bond premiums of \$8,252,649 and debt issuance costs of \$2,404,648 were incurred in connection with the issuance of the Series I revenue bonds. Such amounts are amortized utilizing the effective interest method over the life of the related mortgage. Accumulated amortization relating to the bond premiums was \$778,610 and 213,639 at June 30, 2009 and 2008, respectively. Accumulated amortization relating to debt issuance costs was \$220,329 and \$62,250 at June 30, 2009 and 2008, respectively.

Series H Revenue Bonds - On behalf of the University, CHEFA issued \$67,495,000 of Quinnipiac University Issue, Series H Revenue Bonds (the "Series H revenue bonds") to provide funds to construct a new residence hall, renovate and expand the dining hall, acquire and renovate certain properties for the radio station and polling institute and office space, and acquire computer software and equipment, furniture and other equipment, relocate and renovate the student health center and various other capital expenditures for improvements.

The Series H revenue bonds bear interest at 5.00% and are payable on July 1, 2036. Interest is payable semiannually through 2036. The effective interest rate for the issue inclusive of bond premium is 4.47%. Semiannual sinking fund payments, which commence on January 1, 2029 and continue through July 1, 2036 in amounts ranging from \$2,552,500 to \$5,672,500 are required to pay the principal amount due on the bonds.

The Series H revenue bond agreements contain certain covenants which place restrictions on, among other things, the University's ability to enter into contracts relating to the pledged assets, the disposal of pledged assets and the incurrence of additional indebtedness on the pledged assets. Such pledged assets include land and buildings on the University's main campus. The University is also required to maintain certain insurance coverage on its facilities.

Bond premiums of \$5,479,244 and debt issuance costs of \$2,013,867 were incurred in connection with the issuance of the Series H revenue bonds. Such amounts are amortized utilizing the effective interest method over the life of the related mortgage. Accumulated amortization relating to the bond premiums was \$294,546 and 287,044 at June 30, 2009 and 2008. Accumulated amortization relating to and debt issuance costs was \$112,990 and \$105,502 at June 30, 2009 and 2008, respectively.

Series G Revenue Bonds - In connection with the issuance of the Series K-1 Revenue Bonds, funds were placed in escrow to defease the Series G Revenue Bonds.

Debt issuance costs of \$370,708 were incurred in connection with the issuance of the Series G revenue bonds. Upon the retirement of the Series G revenue bonds, remaining unamortized debt issuance costs of \$287,807 were expensed. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2008.

Series F Revenue Bonds - In connection with the issuance of the Series K-1 Revenue Bonds, funds were placed in escrow to defease the Series F Revenue Bonds.

Debt issuance costs of \$2,081,696 were incurred in connection with the issuance of the Series F revenue bonds. Upon the retirement of the Series F revenue bonds, remaining unamortized debt issuance costs of \$1,632,557 were expensed. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2008.

Series E Revenue Bonds - In connection with the issuance of the Series K-2 Revenue Bonds, funds were placed in escrow to defease the Series E Revenue Bonds.

Bond discounts of \$1,297,561 and debt issuance costs of \$1,813,817 were incurred in connection with the issuance of the Series E revenue bonds. Upon the retirement of the Series E revenue bonds, remaining bond discounts and unamortized debt issuance costs of \$2,164,926 were expensed. Such amounts are included in retirement of indebtedness expenses on the Statement of Activities for the year ended June 30, 2008.

Open-End Mortgage - A mortgage, on a parcel of land, with an imputed interest rate of 7.89% payable to the seller, requires monthly payments of \$3,875, including interest, through December 2018.

Revolving Line of Credit - The University has an available credit line with a financial institution of up to \$20 million. No amounts were outstanding under this agreement at June 30, 2009 and 2008.

In connection with the issuance of CHEFA revenue bonds Series H, I, J, K-1 and K-2, the University is required to maintain certain funds with trustees. Funds held by trustees consist of the following:

	2009	2008
Construction funds	\$ 125,163,102	\$ 255,287,625
Capitalized interest and debt service funds	3,365,397	19,996,909
Cost of issuance funds	<u>104,296</u>	<u>675,639</u>
Total investments	<u>\$ 128,632,795</u>	<u>\$ 275,960,173</u>

Total funds held by the trustees consist of the following:

	2009	2008
Cash equivalents	\$ 978,732	\$ 21,555,750
Guaranteed investment contracts	<u>127,654,063</u>	<u>254,404,423</u>
Total investments	<u>\$ 128,632,795</u>	<u>\$ 275,960,173</u>

7. INTEREST RATE SWAPS

On April 16, 2008, the University entered into a forward starting basis swap agreement in an effort to reduce future interest expenses associated with its Series H revenue bonds. The agreement has a start date of April 1, 2009. Under the terms of the agreement the University pays a variable rate of the Securities Industry and Financial Markets Association index ("SIFMA") and receives a variable rate of 70% of the one month London Inter-Bank Offered Rate ("LIBOR") plus 18.88 basis points on a notional amount of \$67,495,000. The agreement has a maturity schedule terminating on July 1, 2036. The University received \$1,221,000 from the counterparty at the inception of the agreement which represented the present value of an additional spread that would have been added to the floating amount paid by the counterparty over the term of the agreement. The fair value of the swap agreement is reported in the statement of financial position as a liability of \$6,817,523 and \$2,004,970 at June 30, 2009 and 2008 respectively. The accrued payment due to the University from the counterparty is \$16,895 at June 30, 2009.

On April 16, 2008, the University entered into a forward starting basis swap agreement in an effort to reduce future interest expenses associated with Series K-1 revenue bonds. The agreement has a start date of April 1, 2009. Under the terms of the agreement the University pays a variable rate of SIFMA and receives a variable rate of 70% of one month LIBOR plus 18.88 basis points on a notional amount of \$63,675,000. The agreement has a maturity schedule terminating on July 1, 2031. The University received \$319,000 from the counterparty at the inception of the agreement which represented the present value of an additional spread that would have been added to the floating amount paid by the counterparty over the term of the agreement. The fair value of the swap agreement is reported in the statement of financial position as a liability of \$3,383,887 and \$717,515 at June 30, 2009 and 2008, respectively. The accrued payment due to the University from the counterparty is \$15,939 at June 30, 2009.

On April 16, 2008, the University entered into a forward starting basis swap agreement in an effort to reduce future interest expenses associated with Series K-2 revenue bonds. The agreement has a start date of April 1, 2009. Under the terms of the agreement the University pays a variable rate of SIFMA and receives a variable rate of 70% of one month LIBOR plus 18.88 basis points on a notional amount of \$51,700,000. The agreement has a maturity schedule terminating on July 1, 2031. The University received \$194,000 from the counterparty at the inception of the agreement which represented the present value of an additional spread that would have been added to the floating amount paid by the counterparty over the term of the agreement. The fair value of the swap agreement is reported in the statement of financial position as a liability of \$2,453,571 and \$477,888 at June 30, 2009 and 2008, respectively. The accrued payment due to the University from the counterparty is \$12,942 at June 30, 2009.

On December 6, 2007, the University entered into a forward starting interest rate swap agreement in order to manage the risk associated with its Series J revenue bonds. On September 26, 2008, the agreement was terminated resulting in a payment to the counterparty of \$3,990,000. The agreement had a start date of October 1, 2009. Under the terms of the agreement the University would have paid a fixed rate of 3.563% and received a variable rate of 68% of one month LIBOR on a notional amount of \$86,655,000. The agreement had a maturity schedule terminating on July 1, 2035. The fair value of the swap agreement is reported in the statement of financial position as a liability of \$1,342,696 at June 30, 2008.

On December 6, 2007, the University entered into a forward starting interest rate swaption agreement in order to manage the risk associated with its Series J revenue bonds. On September 26, 2008 the agreement was terminated resulting in a payment to the counterparty of \$5,500,000. The agreement had a start date of October 1, 2009. Under the terms of the agreement the University would have paid a fixed rate of 2.829% and received a variable rate of 68% of one month LIBOR on a notional amount of \$78,890,000. The counterparty had the option to cancel the agreement on any day after January 15, 2015 that the 180 day trailing average of SIFMA exceeds 4.00%. The agreement had a maturity schedule terminating on July 1, 2037. The fair value of the swap agreement is reported in the statement of financial position as a liability of \$2,240,308 at June 30, 2008.

On May 19, 2006, the University entered into a forward starting interest rate swap agreement associated with its Series E revenue bonds. On December 20, 2007 the University associated the agreement with its Series K-2 revenue bonds issued on that date. Under the terms of the agreement, the University will pay a variable rate of 70% of one month LIBOR and receive a variable rate of 63.69% of the five year ISDA Swap Rate. On April 16, 2008, the agreement start date was modified from July 1, 2009 to July 1, 2016 and the notional amount was modified from \$54,375,000 to \$39,085,000, resulting in a payment from the counterparty of \$1,015,000. The agreement has a maturity schedule terminating on July 1, 2028. The fair value of the swap is reflected in the statement of financial position as a liability of \$141,780 and \$160,186 at June 30, 2009 and 2008, respectively.

On June 19, 2006, the University entered into an interest rate swap agreement associated with the Series H Revenue bonds. The University terminated the agreement resulting in a payment to the counterparty of \$8,194,000 which was charged to non-operating activity during 2008.

On June 16, 2005, the University entered into an interest rate swap agreement in order to manage the risk associated with its Series G revenue bonds. Under the terms of the agreement, the University paid a fixed rate of 3.322% and received a variable rate on a notional amount of \$16,340,000. On May 19, 2007, the agreement was amended to change the University's receipt of funds on the notional amount from 70% of one month LIBOR to 64.05% of the five year ISDA Swap Rate. The agreement was terminated on April 16, 2008 resulting in a payment to the counterparty of \$111,000.

On June 16, 2005, the University entered into an interest rate swap agreement in order to manage the risk associated with its Series F revenue bonds. Under the terms of the agreement, the University paid a fixed rate of 3.394% and received a variable rate on a notional amount of \$53,900,000 and \$55,200,000 during the fiscal years ended June 30, 2009 and 2008, respectively. On May 19, 2007, the agreement was amended to change the University's receipt of funds on the notional amount from 70% of one month LIBOR to 63.90% of five year LIBOR. The agreement was terminated on April 16, 2008 resulting in a payment to the counterparty of \$383,000.

~~On June 16, 2005, the University entered into an interest rate swaption agreement associated with its Series E revenue bonds. On December 20, 2007, the University associated the agreement with its Series K-2 revenue bonds issued on that date. The agreement was exercisable on the issue's initial call date of July 1, 2009. Under the terms of the agreement, the University would have paid a fixed interest rate of 3.235% and would have received 70% of one month LIBOR on a notional amount of \$54,375,000. The agreement was terminated on April 16, 2008 resulting in a payment to the counterparty of \$2,150,000.~~

Any gain or loss associated with the interest rate swap agreements, including the swaption agreements, is reported as a nonoperating item in the statement of activities.

8. RETIREMENT PLAN

Substantially all full-time employees may elect to participate in the Teachers Insurance and Annuity Association-College Retirement Equities Fund (T.I.A.A.-C.R.E.F.), an insured defined contribution retirement plan, to which the University contributes specified percentages, ranging from 5% to 10%, of each participant's annual salary. The University contributed \$5,045,678 and \$4,677,615 during years ended June 30, 2009 and 2008, respectively.

9. ENDOWMENT

The University has approximately 400 individual funds established for a variety of purposes which are endowment funds and funds established with a finite term and/or that are fully expendable for a particular purpose. They include funds designated by the University's Board of Trustees (the Board) to function as endowment. As required by accounting principles generally accepted in the United States of America (USGAAP), net assets associated with endowment funds and funds designated by the Board to function as endowment, are classified and reported based on the existence or absence of donor-imposed restrictions.

The State of Connecticut adopted a version of the Uniform Prudent Management of Institutional Funds Act (UPMIFA) in 2007. In the absence of authoritative guidance on the application of Connecticut's UPMIFA to donor-restricted endowment, the University's Board interprets UPMIFA as requiring the preservation of the fair value of the original gift as of the gift date of the donor-restricted endowment funds, absent explicit donor stipulations to the contrary. As a result of this interpretation, the University classifies as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the University in a manner consistent with the standard of prudence prescribed by UPMIFA.

In accordance with UPMIFA, the University considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds:

- (1) The duration and preservation of the fund
- (2) The purposes of the University and the donor-restricted endowment fund
- (3) General economic conditions
- (4) The possible effect of inflation and deflation
- (5) The expected total return from income and the appreciation of investments
- (6) Other resources of the University
- (7) The Investment Policy of the University.

The following summarizes the endowment net asset composition by type of fund as of June 30, 2009 and reconciles the summary to the statement of position:

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Donor-restricted	\$ -	\$ 3,698,558	\$ 12,214,885	\$ 15,913,443
Board-designated	<u>157,599,213</u>	<u>-</u>	<u>-</u>	<u>157,599,213</u>
Total endowment funds	157,599,213	3,698,558	12,214,885	173,512,656
Pledges receivable	-	2,194,469	1,153,325	3,347,794
Invested in plant assets	<u>259,708,621</u>	<u>-</u>	<u>-</u>	<u>259,708,621</u>
Total net assets	<u>\$ 417,307,834</u>	<u>\$ 5,893,027</u>	<u>\$ 13,368,210</u>	<u>\$ 436,569,071</u>

The following summarizes the changes in the endowment net assets for the year ended June 30, 2009:

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Endowment net assets, June 30, 2008	\$ 196,863,499	\$ 2,482,653	\$ 10,721,123	\$ 210,067,275
Investment return	(41,598,977)	(475,547)	(9,113)	(42,083,637)
Contributions	1,653,776	2,372,367	1,502,875	5,529,018
Restriction release	<u>680,915</u>	<u>(680,915)</u>	<u>-</u>	<u>-</u>
Endowment net assets, June 30, 2009	<u>\$ 157,599,213</u>	<u>\$ 3,698,558</u>	<u>\$ 12,214,885</u>	<u>\$ 173,512,656</u>

The following summarizes the endowment net asset composition by type of fund as of June 30, 2008 and reconciles the summary to the statement of position:

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Donor-restricted	\$ -	\$ 2,482,653	\$ 10,721,123	\$ 13,203,776
Board-designated	<u>196,863,499</u>	<u>-</u>	<u>-</u>	<u>196,863,499</u>
Total funds	196,863,499	2,482,653	10,721,123	210,067,275
Pledges receivable	-	3,578,821	1,145,806	4,724,627
Invested in plant assets	<u>250,429,268</u>	<u>-</u>	<u>-</u>	<u>250,429,268</u>
Total net assets	<u>\$ 447,292,767</u>	<u>\$ 6,061,474</u>	<u>\$ 11,866,929</u>	<u>\$ 465,221,170</u>

The following summarizes the changes in the endowment net assets for the year ended June 30, 2008:

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
Endowment net assets, June 30, 2007	\$ 240,407,395	\$ 2,238,028	\$ 9,383,841	\$ 252,029,264
Investment return	(16,890,425)	173,888	5,250	(16,711,287)
Contributions	-	1,478,388	1,332,032	2,810,420
Expenditures	(28,061,122)			(28,061,122)
Restriction release	<u>1,407,651</u>	<u>(1,407,651)</u>	<u>-</u>	<u>-</u>
Endowment net assets, June 30, 2008	<u>\$ 196,863,499</u>	<u>\$ 2,482,653</u>	<u>\$ 10,721,123</u>	<u>\$ 210,067,275</u>

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor or UPMIFA requires the University to retain as a fund of perpetual duration. In accordance with USGAAP, deficiencies of this nature that are reported in unrestricted net assets were \$1,044,622 as of June 30, 2009. These deficiencies resulted from unfavorable market fluctuations that occurred shortly after the investment of new permanently restricted contributions and continued appropriation for certain programs that was deemed prudent by the Board.

The University has adopted investment and spending policies for endowment assets that attempt to provide a predictable stream of funding to programs supported by its endowment while seeking to maintain the purchasing power of the endowment assets. Endowment assets include those assets of donor-restricted funds that the University must hold in perpetuity or for a donor-specified period(s), as well as Board-designated funds. Under the Investment Policy, as approved by the Board, the endowment assets are invested in a manner that is intended to produce results that, over a period of time, exceed the price and yield results of the S&P 500 index while assuming a moderate level of investment risk. The University expects its endowment funds, over time, to provide an average rate of return of approximately 9.87% annually, which should be sufficient to provide for real spending (net of inflation) of 5%, plus a small margin.

To satisfy its long-term rate-of-return objectives, the University relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). The University targets a diversified asset allocation that places a greater emphasis on equity-oriented investments to achieve its long-term return objectives within prudent risk constraints.

The University has a specified spending rate whereby 5% of the value of permanently restricted endowment and accumulated earnings less the value of pledges receivable thereon at the end of the previous year is allocated for operating activities. In establishing this Policy, the University considers the long-term expected real return on its endowment. Accordingly, over the long term, the University expects the current Spending Policy to allow its endowment to grow nominally at an average of 4% annually. This is consistent with its objective to maintain the purchasing power of the endowment assets held in perpetuity, or for a specified term, as well as to provide additional real growth through new gifts and incremental investment return.

10. NET ASSETS

Temporarily restricted net assets are available for the following purposes:

	2009	2008
Instruction	\$ 1,246,120	\$ 1,569,714
Financial aid	478,396	527,589
Plant improvements	<u>4,168,511</u>	<u>3,964,171</u>
	<u>\$ 5,893,027</u>	<u>\$ 6,061,474</u>

Permanently restricted net assets are restricted to:

Investments to be held in perpetuity, the earnings from which are expendable to support:

	2009	2008
Instruction	\$ 3,345,091	\$ 3,764,640
Financial aid	9,895,366	7,974,536
Plant improvements	<u>127,753</u>	<u>127,753</u>
	<u>\$ 13,368,210</u>	<u>\$ 11,866,929</u>

11. RELEASED FROM RESTRICTIONS

Net assets were released from donor restrictions by incurring expenses satisfying the restricted purpose or by the occurrence of other events specified by the donors.

Net assets released from restrictions during the years ended June 30 were as follows:

	2009	2008
Instruction	\$ 314,291	\$ 272,585
Financial aid	<u>145,357</u>	<u>162,302</u>
Total operating	<u>459,648</u>	<u>434,887</u>
Plant improvements	<u>221,267</u>	<u>972,764</u>
Total	<u>\$ 680,915</u>	<u>\$ 1,407,651</u>

12. FAIR VALUE OF FINANCIAL INSTRUMENTS

The University's financial instruments consist of pledges receivable, charitable remainder trusts, investments, loans receivable, interest rate swaps, annuities payable, mortgage and other notes payable and refundable government advances from loan programs. The fair value of pledges receivable and annuities payable are estimated based upon the net present value of estimated cash flows discounted at a treasury rate commensurate with the timing of the estimated cash flow. The fair value of investments and charitable remainder trusts are based upon values provided by the external investment managers or quoted market values. The fair value of interest rate swaps is based on valuations provided by the counterparty bank.

A reasonable estimate of the fair value of loans receivable from students under government loan programs could not be made because the notes are not salable and can only be assigned to the U.S. Government or its designees.

The fair value of mortgage and other notes payable, based on the interest rate currently available to the University for loans with similar maturities and credit quality, is approximately \$498.4 and \$492.2 million at June 30, 2009 and 2008, respectively.

13. COMMITMENTS AND CONTINGENCIES

The University has entered into an agreement with an officer which provides for defined pension and postretirement health insurance benefits. The liability related to these benefits is being accrued over the employee's remaining service period commencing on the date of the agreement. The liability amounted to \$716,195 and \$553,959 at June 30, 2009 and 2008, respectively and is included in accounts payable and accrued expenses on the statement of financial position. Benefit cost incurred and charged to operations during the years ended June 30, 2009 and 2008 amounted to \$162,236 and \$553,959, respectively.

The pension obligation included in the above liability was calculated using a 6.7% and 6.5% discount rate as of June 30, 2009 and 2008, respectively and the RP2000 combined mortality table projected to 2004. The accumulated benefit obligation for the postretirement health insurance benefits included in the above liability was \$46,829 and \$31,000 at June 30, 2009 and 2008, respectively. This obligation was calculated using a 6.7% and 7.0% discount rate at June 30, 2009 and 2008, respectively and a health care cost trend of 10.0%, grading 0.5% per year to 5.0%.

The University has an operating lease arrangement for student housing in Hamden, CT which expires in 2031. Rent expense under this lease was \$495,636 and \$494,400 for the years ended June 30, 2009 and 2008, respectively.

Annual future minimum rental payments under the operating lease for the years ending June 30 follow:

Year	Amount
2010	\$ 510,505
2011	525,820
2012	541,595
2013	557,843
2014	574,578
Thereafter	<u>12,797,529</u>
Total future lease payments	<u>\$ 15,507,870</u>

The University is party to certain litigation arising in the ordinary course of business. Management does not believe any unfavorable outcome would have a material adverse effect on the University's financial position or results of operations.

* * * * *

Internal Revenue Service

Date: August 5, 2004

Quinnipiac University
275 MT Carmel Ave
Hamden, CT 06518-1905

Department of the Treasury
P. O. Box 2508
Cincinnati, OH 45201

Person to Contact:
Ms. Dalton 31-07967
Customer Service Representative
Toll Free Telephone Number:
8:00 a.m. to 6:30 p.m. EST
877-829-5500
Fax Number:
513-263-3756
Federal Identification Number:
06-0646701

Dear Sir or Madam:

This is in response to your request of August 5, 2004, regarding your organization's tax-exempt status.

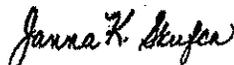
In April 1938 we issued a determination letter that recognized your organization as exempt from federal income tax. Our records indicate that your organization is currently exempt under section 501(c)(3) of the Internal Revenue Code.

Our records indicate that your organization is also classified as a public charity under sections 509(a)(1) and 170(b)(1)(A)(iv) of the Internal Revenue Code.

Our records indicate that contributions to your organization are deductible under section 170 of the Code, and that you are qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Internal Revenue Code.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely,



Janna K. Skufca, Director, TE/GE
Customer Account Services

District
Director

10 MetroTech Center
625 Fulton Street
Brooklyn, NY 11201

Date: FEB 18 1998

Quinnipiac College
275 Mt. Carmel Avenue
Hamden, CT 06518

Person to Contact:
Patricia Holub
Contact Telephone Number:
(718) 488-2333
EIN: 06-0646701

Dear Sir or Madam:

Reference is made to your request for verification of the tax exempt status of Quinnipiac College.

A determination or ruling letter issued to an organization granting exemption under the Internal Revenue Code remains in effect until the tax exempt status has been terminated, revoked or modified.

Our records indicate that exemption was granted as shown below.

Sincerely yours,

(Patricia Holub)

Patricia Holub
Manager, Customer
Service Unit

Name of Organization: Quinnipiac College

Date of Exemption Letter: April 1938

Exemption granted pursuant to section 501(c)(3) of the Internal Revenue Code.

Foundation Classification (if applicable): Not a private foundation as you are an organization described in sections 509(a)(1) and 170(b)(1)(A)(ii) of the Internal Revenue Code.

CURRICULUM VITAE

Edward R. O'Connor, Ph.D.

ADDRESS:

School of Health Sciences
Quinnipiac University EC-ALD
275 Mount Carmel Ave.
Hamden, CT 06518
Phone: (203) 582-5202
Fax: (203) 582-8706
Email:edward.oconnor@quinnipiac.edu

EDUCATION:

- 1992:** Ph.D. from Department of Pharmacology and Neuroscience, The Albany Medical College Graduate School of Health Sciences, Albany, NY. Thesis entitled: "Swelling and Volume Regulation in Astrocytes: Effects on Membrane Potentials, Release Phenomena, and the Role of Ca²⁺"
- 1986:** State University of New York at Albany, Albany, NY.
B.S. in Biology.
- 2002** Management Development Program, Harvard Graduate School of Education, Harvard University.
- 2002 - 2003** Special Studies student, Harvard Graduate School of Education, Harvard University.

EXPERIENCE:

- 2005-:** Dean, School of Health Sciences, Quinnipiac University, Hamden, CT.
(Interim Dean, 2005-2006)
Executive Director – National Institute for Community Health Education
- 2003-2005:** Research Affiliate, Department of Cellular and Molecular Physiology, Yale School of Medicine, Yale University, New Haven, CT.
- 2000-:** Professor of Biology and Biomedical Sciences (adjunct), Quinnipiac University, Hamden, CT.
- 1998-2005:** Associate Dean, School of Health Sciences, Quinnipiac University, Hamden, CT.
- 1998-2002:** Research Affiliate, Department of Neurosurgery, Yale School of Medicine, Yale University, New Haven, CT.

- 1994-1998:** Associate Research Scientist, Department of Neurosurgery, Yale School of Medicine, Yale University, New Haven, CT.
- 1994-1995:** Assistant Professor of Biology, Quinnipiac College, Hamden, CT
- 1993-1994:** Postdoctoral Fellow, Department of Neurology, Yale School of Medicine, Yale University, New Haven, CT.
- 1992-1993:** Postdoctoral Associate, Department of Neurology, Yale School of Medicine, Yale University, New Haven, CT.
- 1986-1987:** Research Technician-Division of Neurosurgery, Albany Medical College, Albany, New York. Performed Electrophysiological Studies on Cultured Astrocytes.

HONORS AND AWARDS:

- 1995-1996:** Epilepsy Foundation of America Fellow
- 1992:** Leonard C. Procita Prize for Outstanding Research.
- 1992:** Dean's Award for Excellence in Research.
- 1992:** Dean's Certificate and Prize for Student Leadership.
- 1991-1992** President of the Graduate Student Organization of Albany Medical College.
- 1991:** Travel Award from Fogarty International Center, NIH.
- 1991:** Leonard C. Procita Prize for Outstanding Research.
- 1991:** Dean's Award for Excellence in Research.
- 1991-1992:** The Albany Medical Center Graduate School of Health Sciences Senior Research Tuition Scholarship.
- 1986:** Award for Excellence in Research from the College of Science and Mathematics, State University of New York at Albany.

FUNDING:

- 12/96-11/03** FIRST Award from National Institute of Neurological Disorders and Stroke. "Glial contributions to hyperexcitability at seizure foci".
Total Direct Costs: \$350,000.
- 7/95-7/96:** Epilepsy Foundation of America Research Fellowship. "Ion Channel Expression in Human Glia from Seizure Foci"
Total Direct Costs: \$40,000.
- 10/93-10/95:** Individual National Research Service Award (NS 09542) from National Institute of Neurological Disorders and Stroke. "Na⁺/HCO₃⁻ Cotransport Studies In Mammalian Astrocytes".
Total Direct Costs: \$50,000.

Examples of Committee Work at Quinnipiac University

University Safety Committee – Co-chair 1998- present

This committee examines and sets policies regarding safety issues across campus. We examine lab and chemical safety, blood-borne pathogens, biomedical waste, environmental safety, workplace and ergonomics, dorm safety, etc.

NICHE - National Institute for Community Health Education 1998-present

The School of Health Sciences at Quinnipiac host a yearly conference to educate our faculty, students, and the public on broad national health issues. I currently serve as the Executive Director.

Pre-Health Professions Advising Committee – Chair and Member 1998-present

This committee serves as academic and career advisors for all students interested in pursuing professional school education in medicine, dentistry, optometry, podiatry, physician assistant studies, pharmacy, public health, Ph.D programs, etc. This committee writes all of the letters of recommendation for students applying to health professions schools.

Presidential Task Force on Student Advising – Chair

Student advising is a significant issue with every college and university. Student advising affects student retention and a number of other areas.

QU Academic Information Technology Committee

Health Sciences Instructional Technology Committee – Former Chair

Technology and Infrastructure Support Committee – Former Chair

These are three important committees that examine the role of informational and instructional technologies in a university setting. We examine and set policy regarding such things as bandwidth shaping, internet reliability and access, support of faculty and student needs for technology, internet 2, etc.

Academic Integrity Board 2000-present

The Academic Integrity Board is responsible for investigating and adjudicating alleged student violations of the Academic Integrity Policy. The Academic Integrity Board hears cases, determines if allegations are substantiated, and determines sanctions.

University Service Learning Committee 2000-present

Almost every university includes in it's mission statement a sentence that reflects the desire to educate students to become citizens of the world. Service learning is the process of integrating volunteer community service combined with guided reflection into the curriculum. It is much more than volunteerism. This committee is charged with examining the possibility of making service learning a requirement for graduation.

President's Planning Council
Dean's Council
Graduate Medical Education Advisory Board
NEASC Accreditation Subcommittee - Graduate Education and Scholarship
Biology Lab Renovations Committee – Co-Chair
Biology Grant and Curriculum Committee – Co-Chair
Faculty Research Committee
Physician Assistant's Admission Committee
QU Student Retention Committee
Continuing Education Advisory Council
International Education Grant Review Committee
QU Commencement Committee
Healthfest Committee - Chair - Healthfair committee
Search Committees
 Dean, School of Education
 Director of the Learning Center
 Associate Director of the Arnold Bernhard Library
 Dean of Academic Technology
 Director, Athletic Training/Sportsmedicine

Teaching Experience

Quinnipiac University

Bio 101 General Biology Laboratory
Bio 101 General Biology Laboratory – ONLINE
Bio 102 General Biology Laboratory – ONLINE
Bio 102 General Biology Laboratory
Bio 111 Anatomy and Physiology Laboratory
Bio 211 Anatomy and Physiology Laboratory
Bio 212 Anatomy and Physiology Laboratory
Bio 314 Animal Physiology Lecture and Laboratory
Bio 316 Animal Physiology Lecture and Laboratory
Bio 320 Pharmacology
Bio 329 Neurobiology
Bio 397 Pre-Health Professions Clinical Affiliation
Bio 398 Research Methods in Biology
Bio 518 Pathophysiology
Bio 518 Pathophysiology - Online
Bio 527 Pharmacology
Bio 527 Pharmacology - Online
Bio 578 Cellular Basis of Neurobiological Disorders
Bio 581 Receptors and Regulatory Mechanisms
NU 516 Advanced Anatomy and Physiology with Post-Mortem Dissection
NU 527 Graduate Nursing Pharmacology
PA 535 Disease Mechanisms
RS 330 Diagnostic Assessment (Team Taught – 1 credit)

External Board Affiliations

CT BioBus Educational Programs (2004-)

Active Society Memberships

American College of Healthcare Executives

American College of Sports Medicine

American Epilepsy Society

American Physiological Society

American Schools of Allied Health Professions

Association of Schools of Allied Health Professions

Federation of American Societies for Experimental Biology

National Association of Advisors for the Health Professions (NAAHP)

Northeast Association of Advisors for the Health Professions (NEAAHP)

Phi Sigma

Sigma Xi

Society for Neuroscience

Professional Advancement

National Academic Advising Association (NACADA) 28th National Conference on Academic Advising. Building Bridges: Advisors as Architects for the Future. Cincinnati, October 6-9, 2004.

Association of Schools of Allied Health Professions: Coalition for Allied Health Leadership Program. Washington, D.C. April 30 - May 3, 2003 and September 9 - 13, 2003.

Special Studies student at the Harvard Graduate School of Education. Completed T-006 Adult Development with Prof. Robert Kegan, Spring 2003. Completed A-222 Higher Education and the Law, Fall 2003.

Health Professions Advising: The State of Our Union: Supporting Our Students While Serving the Population. National and Northeast Association of Advisors for the Health Professions Annual Meeting. Philadelphia, PA April 24-27, 2003

2002 Higher Education Alumni Seminar: Performance Measurement in Higher Education. Harvard Graduate School of Education. October 24-26, 2002.

Management Development Program – a 12 day intensive in-residence leadership development program offered at the Harvard Summer Institutes for Higher education. Harvard University. June 16-28, 2002

Health Professions Advising in the 21st Century: New Challenges, New Opportunities. Northeast Association of Advisors for the Health Professions Annual Meeting. Baltimore, Md April 18-21, 2002

Syllabus Conference: Next Steps: Moving forward with Campus IT. Danvers, MA
November 29-Dec 2, 2001

External Professional and Committee Work

Society for Neuroscience Committee on Neuroscience Literacy 2003-2006

The Society for Neuroscience, with a membership of over 36,000, is a nonprofit membership organization of basic scientists and physicians who study the brain and nervous system. I have been involved in a number of activities including:

Co-Director of the the Hands-On Neuroscience Workshops

These workshops involved neuroscientists and K-12 teachers interested in learning how to conduct specific neuroscience activities in a hands-on format. Lessons were targeted for use with elementary, middle, and high school students. The workshop which involved over 300 neuroscientists and teachers, was held on October 23rd in San Diego at the 35th meeting of the Society for Neuroscience.

Mentor for the Short Course for High School Students

Pre-college science students from the San Diego area were invited to attend this one-day short course. Included were presentations by prominent neuroscientists, a guided tour of the poster sessions and exhibits, and an interactive brain demonstration. The course introduced students to neuroscience research, the life of a neuroscientist, and the impact research has had on our understanding of the brain.

How to Take Neuroscience into the Schools

This workshop addressed: What standards are mandated and what challenges has the "No Child Left Behind" policy created for the K-12 science teacher? How can neuroscientists assist teachers in their local school systems to meet the legislative requirements in an environment of shrinking state educational allocations due to budget deficits?

Association of Schools of Allied Health Professions: Education Committee 2004-2008

American Council of Education Military Programs Evaluator, Naval Medical Education & Training Command, Bethesda, MD. Oct. 27-29, 2002; Aug 26, 2003.

Ad Hoc Journal Reviewer

Biochemical Pharmacology
Glia
Life Sciences
Neuroscience
Journal of Allied Health
Journal of Neurochemistry
Journal of Neuroscience Methods

Research Interests: Neuron-Glial interactions; Epilepsy, stroke, trauma and other nervous system disorders; Exercise and the nervous system

Other Interests: Allied Health Education; Allied Health Workforce Issues; faculty development; grant funding and research development; the use of instructional technologies in the classroom; distributed learning; science education reform and teacher preparation; student advising and service learning.

PUBLICATIONS:

Peer-Reviewed Articles

1. Kimelberg, H.K., and **O'Connor, E.** (1988) Swelling of Astrocytes Causes Membrane Potential Depolarization. *Glia* 1:219-224.
2. Kimelberg, H.K., Sankar, P., **O'Connor, E.**, Jalonen, T., and Goderie, S.K. (1992) Functional Consequences of Astrocytic Swelling. *Prog. Brain Res.* pp 57-68.
3. Kimelberg, H.K., **O'Connor, E.**, Goderie, S., Sankar, P., Keese, C., and Giaever, I. (1992) Methods for Determination of Cell Volume in Tissue Culture. *Can.J.Physiol.Pharmacol.* 70:S323-S333.
4. Kimelberg, H.K., Cheema, M., **O'Connor, E.R.**, Tong, H., Goderie, S.K., and Rossman, P.A. (1993) Ethanol-Induced Aspartate and Taurine Release from Primary Astrocyte Cultures. *Journal of Neurochemistry* 60:1682-1689.
5. **O'Connor, E.R.**, Kimelberg, H.K., Keese, C.R., and Giaever, I. (1993) Electrical Impedance Method for Measuring Volume Changes in Astrocytes. *Am. J. Physiology* 264:C471-C478.
6. **O'Connor, E.R.**, and Kimelberg, H.K. (1993) Effect of Calcium on Astrocyte Volume Regulation, Ion and Amino-Acid Release. *Journal of Neuroscience* 13(6): 2638-2650.
7. **O'Connor, E.R.**, Sontheimer, H., and Ransom, B.R. (1994) Rat Hippocampal Astrocytes Exhibit Electrogenic Sodium-Bicarbonate Cotransport *Journal of Neurophysiology* 72:2580-2589.
8. **O'Connor, E.R.**, Sontheimer, H., Spencer, D.D., and de Lanerolle, N. (1998) Astrocytes from human hippocampal epileptogenic foci exhibit action potential-like responses. *Epilepsia* 39(4):347-354.
9. Clark, D.J., Smits, A.W., **O'Connor, E.R.** and Buckley, D.P. (2002). "Coupling the Bioquest "3 P's" and Epistemological Scaffolding in Freshman Biology Labs to Promote Student Experience in the Process of Science", *Proceedings for Pathways to Change: An International Conference on Transforming Math and Science Education in the K16 Continuum.*
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5. **O'Connor, E.R.**, Keese, C.R., Giaever, I., and Kimelberg, H.K. (1991) Dynamic Measurement of Cell Swelling and Volume Regulation in Attached Astrocyte Monolayers. *Third IBRO World Congress of Neuroscience*, Abstract P6.8 p. 57.
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10. **O'Connor, E.R.**, Sontheimer, H., and Ransom, B.R. (1993) Electrophysiological characterization and developmental expression of a HCO₃⁻-dependent hyperpolarization in hippocampal astrocytes. *Soc.Neurosci.Absts.* Vol. 19, Part 1, p. 688.
11. de Lanerolle, N.C., **O'Connor, E.R.**, Sontheimer, H. (1994) Expression of voltage-activated Na⁺ and K⁺ channels in human astrocytes. *Soc.Neurosci.Absts.* Vol. 20, p. 1113.
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20. Deborah J. Clark, Allan W. Smits, **Edward R. O'Connor**, and Donald P. Buckley (2001). Coupling the BioQuest "3P's" and Epistemological Scaffolding in Freshman Biology Labs to Promote Student Experience in the Process of Science. *Pathways to Change – An International Conference on Transforming Math and Science Education in the K16 Continuum*.

21. Allan W. Smits, Deborah J. Clark and **Edward R. O'Connor**. (2002) Use of a course management system to evaluate and prepare students for advanced biology. *Experimental Biology*.

22. **Edward R. O'Connor** and Michelle M. Geremia. (2002) Use of a course management system to increase interaction among Pre-Health Professions Clinical Affiliation Students. *PBL 2002 – A Pathway to Better Learning*.

23. **Edward R. O'Connor** (2005) Service Learning in the Neurosciences. Society for Neuroscience

CURRICULUM VITAE

GERALD JOSEPH CONLOGUE, M.H.S., R.T.(R)(CT)(MR)

Date of Birth: December 19, 1947
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EDUCATION

Quinnipiac College
Department of Allied Health Science
Hamden, Connecticut
Master of Health Science (Public Health-Epidemiology) 8/76

University of Connecticut
Department of Animal Sciences
Storrs, Connecticut
Bachelor of Science (Animal Sciences) 9/74

Hartford Hospital
Radiologic Sciences Program
Hartford, Connecticut
Diploma 9/67

ACADEMIC APPOINTMENTS

Professor
Diagnostic Imaging Program
Quinnipiac University
Hamden, Connecticut 9/07-present

Associate Professor
Diagnostic Imaging Program
Quinnipiac University
Hamden, Connecticut 7/05 – 8/07

Consultant
Office of the Chief Medical Examiner
State of Connecticut
Farmington, Connecticut 1/02 - present

Lecturer
Diagnostic Radiology
Yale University School of Medicine
New Haven, Connecticut 7/00 – 9/02
1/06 - present

Co-director
Bioanthropology Research Institute
Quinnipiac University
Hamden, Connecticut 1/99 – present

Program Director/Associate Professor Diagnostic Imaging Program Quinnipiac University Hamden, Connecticut	8/92 – 7/05
Program Director/Assistant Professor Radiologic Technology Program Health Sciences Department Gulf Coast Community College Panama City, Florida	7/88 - 8/92
Coordinator Advanced Placement Program/ Assistant Professor Department of Diagnostic Imaging College of Allied Health Sciences Thomas Jefferson University Philadelphia, Pennsylvania	7/87 - 6/88
Assistant Professor Department of Diagnostic Imaging College of Allied Health Sciences Thomas Jefferson University Philadelphia, Pennsylvania	7/85 - 6/87
Instructor Department of Diagnostic Imaging College of Allied Health Sciences Thomas Jefferson University Philadelphia, Pennsylvania	8/84 - 6/85
Scientific Research Staff Shriner's Hospital for Crippled Children Tampa Unit Tampa, Florida	1/85 - 6/94
Teaching Assistant Zoology Department Washington State University Pullman, Washington	2/84 - 6/84
Research Assistant Department of Veterinary Microbiology and Pathology Washington State University Pullman, Washington	9/77 - 8/78 6/82 - 9/83
Research Assistant Department of Veterinary Anatomy Washington State University Pullman, Washington	1/77 - 7/77
Radiographic Consultant Zoology Department Washington State University Pullman, Washington	9/76 - 6/77

Teaching Assistant
 Entomology Department
 Washington State University
 Pullman, Washington 9/76 - 1/77

COMMITTEE APPOINTMENTS

School Evaluation Committee, School of Health Sciences
 Quinnipiac University
 Hamden, Connecticut 5/09 - present

Task Force on Forensic Radiography
 American Society of Radiologic Technology
 Albuquerque, New Mexico 2/08 - 12/08

Departmental Evaluation Committee
 Quinnipiac University
 Hamden, Connecticut 1/93 - present

International Education Advisory Board
 Quinnipiac University
 Hamden, Connecticut 1/98 - 5/01

Advisory Committee for Health
 Professional Training
 Gulf Coast Community College
 Panama City, Florida 9/88 - 8/92

Physical Resources Committee
 SAC Self Study Program
 Gulf Coast Community College
 Panama City, Florida 8/88 - 8/89

Committee on Research
 College of Allied Health Sciences
 Thomas Jefferson University
 Philadelphia, Pennsylvania 9/85 - 5/88

Committee on Student Promotions
 College of Allied Health Sciences
 Thomas Jefferson University
 Philadelphia, Pennsylvania 9/84 - 6/88

Strategic Planning Committee
 Science and Technology Subcommittee
 College of Allied Health Sciences
 Thomas Jefferson University
 Philadelphia, Pennsylvania 1/85 - 9/85

Executive Council
 College of Allied Health Sciences
 Thomas Jefferson University
 Philadelphia, Pennsylvania 9/84 - 9/85

Committee on Educational Philosophy and Policy College of Allied Health Sciences Thomas Jefferson University Philadelphia, Pennsylvania	9/84 - 9/85
Representative - Zoology Department Graduate and Professional Students Association Washington State University Pullman, Washington	2/84 - 6/84
Library Review Committee Washington State University Pullman, Washington	5/77 - 6/78

PROFESSIONAL MEMBERSHIP

American Academy of Forensic Sciences
 American Society of Radiologic Technology
 American Association for the Advancement of Science
 Association of Forensic Radiographers
 Clinical Magnetic Resonance Society
 Connecticut Society of Radiologic Technologists
 International Society of Radiographers and Radiological Technologists
 International Society for Clinical Densitometry
 Paleopathology Association
 Sigma Xi

GRANTS

Conlogue, G

A Preliminary Filmless Radiographic Examination of Skeletal Remains Under St Brides Church in London, England.
 School of Health Sciences Summer Research Grant, Quinnipiac University
 May, 2010
 \$4900.00

Conlogue, G

The Use of Mummified Remains to Train Radiographers in Forensic Imaging
 School of Health Sciences Summer Research Grant, Quinnipiac University
 May, 2008
 \$5000.00

Conlogue, G

A Preliminary Radiographic Examination of Mummies in the Museo de las Momias in Guanajuato, Mexico.
 School of Health Sciences Summer Research Grant, Quinnipiac University
 May, 2007
 \$5000.00

Conlogue, G

Optimizing Digital Radiographic and Computed Tomography Procedures on Mummified Remains.
School of Health Sciences Summer Research Grant, Quinnipiac University
May, 2006
\$5000.00

Conlogue, G

An Imaging Study of an Arsenic Mummy with Known Provenance.
School of Health Sciences Summer Research Grant, Quinnipiac University
May, 2005
\$5000.00

Conlogue, G

Radiography Using Polaroid Photographic Film of the Mandibles and Maxillae from Skeletal Remains from Huaca de la Luna, Peru.
Faculty Research Committee, Quinnipiac University
March, 2001
\$1295.95

Conlogue, G

Field Radiography in Peru: Archaeological Artifacts and Anthropological Remains.
Faculty Research Committee, Quinnipiac University
April, 1999
\$2220.00

Conlogue, G

Field Radiography of Skeletal Remains from San Jose de Moro and Pacatnamu, Peru.
Faculty Research Committee, Quinnipiac University
March, 1998
\$1936.00

PUBLICATIONS (REFEREED)

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Proceedings of the 61 Annual Scientific Meeting American Academy of Forensic Sciences. Denver, CO. 2009:307.

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 G. Fornaciari
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 L Greenwood
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 Dr. Liedy's Soap Lady: Imaging the Past.
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- Conlogue, GJ** and JA Ogden
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OTHER PUBLICATIONS

- Conlogue, J**
“Imaging Outside the Box – On the Road Again: Mummy Imaging Comes of Age
with Computed Radiography”
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- Conlogue, J**
“Imaging Outside the Box – Imaging Fetal Pigs and Other Modest Proposals Help Rts
Get More Respect”
Advance for Imaging and Radiation Therapy Professionals. 19(18):9
August 21, 2006
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April 17, 2006
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“Stories from the Road”
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Guillén, S, **G Conlogue**, A Bravo, H Seidler

"Las Momias de la Laguna de los Cóndores: Una evaluación radiográfica. Sian 9/15:22-

23. 2004

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"More TB in Peruvian Mummies"

Archaeology. 55(2):14. March/April 2002

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"All Wrapped UP in Mummies"

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October 29, 2001

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"He Has a Saint of a Patient"

Advance for Radiologic Science Professionals. 14(2):34-37. January 8,

2001

Beckett, R, **G Conlogue**, J Posh

"Picturing the Past"

Discovery Archaeology. 2(5):66-75. November/December 2000.

Conlogue, J

"An RT's Excellent Adventure in Peru"

Advance for Radiologic Technologists. 13(2):28-31. January 17, 2000.

Conlogue, J

"Ancient Patients"

Advance for Radiologic Technologists. 12(9):10-11. May 3, 1999.

Conlogue, G, M Ahmad, S Clark, V McCormack and S Dunn

"Educators Assess CT Competency Course"

Advance for Radiologic Technologists. 4(27):13. July 8, 1991.

Conlogue, G

"Take Control of Your Future"

Advance for Radiologic Technologists. 3(33):5. August 13, 1990.

Conlogue, G

"Program Meets Obligations"

Advance for Radiologic Technologists. 3(11):4. March 12, 1990.

Conlogue, G, M Ahmad and S Clark

"Survey Explores CT Standards"

Advance for Radiologic Technologists. 3(9):36. February 26, 1990.

BOOK

Beckett, R, **G Conlogue**

Paleoimaging: Field Applications for Cultural Remains and Artifacts

CRC Press (ISBN 978-1-4200-9071-0)

September, 2009

Beckett, R, **J Conlogue**, M Stewart and M Kennedy
Mummy Dearest
Lyons Press (ISBN 1-59228-544-9)
March, 2005

MASTERS THESIS

Conlogue, GJ.

The Incidence of *Capillaria hepatica* in Rats in Hartford, Connecticut and an Examination of the Possible Public Health Implications. pp 130.
Masters of Health Science
Quinnipiac College, Hamden, Connecticut. 1976.

ABSTRACTS

Kier EL, LH Staib, Z Zhuang, FJ Welte, **GJ Conlogue**

Multiplanar CT Angiographic Analysis of Craniofacial Vascular Anatomy of Vertebrate Specimens: Demonstration of Some Phylogenetic Aspects of Potentially 'Dangerous' ECA-ICA Anastomoses.
48th Annual Meeting American Society of Neroradiology
Boston, MA. 2010

Conlogue, GJ, T Blyth, J Li

A Comparison of Conventional or Plain Radiography Versus Computerized Radiography (CR) in Forensic Imaging.
Proceedings of the 62nd Annual Scientific Meeting American Academy of Forensic Sciences. Seattle, WA. 2010.

Blyth T, **GJ Conlogue**

Optimizing Radiographic Image Quality in the Postmortem Investigation of Child Abuse.
Proceedings of the 62nd Annual Scientific Meeting American Academy of Forensic Sciences. Seattle, WA. 2010.

Conlogue, GJ, MD Viner

Forensic Field Radiography: In the Trenches With MacGyver.
Proceedings of the 61 Annual Scientific Meeting American Academy of Forensic Sciences. Denver, CO. 2009.

Conlogue, G, J Posh, R Beckett, R Lombardo

The Value of Multimodality Paleoimaging for Establishing Baseline Standards for the Evaluation of Mummified Human Remains.
VI World Congress on Mummy Studies
Teguise, Lanzarote, Canary Islands, Spain. 2007

Beckett, R, **G Conlogue**, D Henderson

Moving Toward Data Acquisition Standards for Endoscopic and Reflectance Applications in Anthropological Studies.
VI World Congress on Mummy Studies
Teguise, Lanzarote, Canary Islands, Spain. 2007

- Guillen, S, A Nelson, **G Conlogue**, R Beckett
 Radiographic and Endoscopic Evaluation of Methodological Variations and Cranial Vault Developmental Anomalies Among Peruvian Subadults Mummies and Skeletal Material Exhibiting Cultural Cranial Modification.
 VI World Congress on Mummy Studies
 Teguise, Lanzarote, Canary Islands, Spain. 2007
- Conlogue, G**, R Beckett, A Brovo, J Taylor, R Horne, R Wade, L Cartmell, *et al*
 Entertaining mummies: Embalming for the sideshow.
 V World Congress on Mummy Studies
 Torino, Italy 2004
- Schwappach, L, **G Conlogue**, R Beckett, A Campbell, L Engel
 A look 'inside' the Egyptian animal mummy industry.
 V World Congress on Mummy Studies
 Torino, Italy 2004
- Conlogue, G**, AJ Bravo, S Guilln, A Nelson
 Phantom Findings: A Comparison between Autopsy and Radiographic Data.
 31st Annual North American Paleopathology Association Meeting
 Tampa, Florida 2004
- Coupland, G, R Colten, **J Conlogue**
 Household production of salmon on the Northwest Coast of North American:
 Radiographic evidence from the McNichol Creek Site.
 Meeting of the International Council for Archaeozoology (ICAZ)
 Durham, UK. 2002
- Ventura, L, P Leocata, R Beckett, **G Conlogue**, G Sindici, A Calabrese, V DiGiandomenico, G. Fornaciari
 The Natural Mummies of Popoli. A New Site in the Inner Abruzzo Regio (central Italy).
 14th Annual European Paleopathology Association Meeting.
 Coimbra, Portugal. 2002
- Nelson, AJ, A Cordy-Collins, **G Conlogue** and R Beckett, G Garvin, D Holdsworth, N Ford
 Radiographic and Endoscopic Analysis of the Giants from Dos Cabezas, Peru.
 14th Annual European Paleopathology Association Meeting.
 Coimbra, Portugal. 2002
- Bravo, AJ, **GJ Conlogue**, S Gullén
 Dead Men Walking: A Radiographic Survey of Spinal Pathology in Peruvian Chachapoya Mummies.
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 Chicago, Illinois. 2001
- Nelson, AJ, M Lichtenfeld, **G Conlogue**, JM Toyne, S Pool
 Cranial Modification in the Jequetepeque Valley.
 19th Annual Conference on Andean Archaeology & Ethnohistory.
 Dartmouth College, New Hampshire. 2000.

- Conlogue, GJ**, W Hennessy, RG Beckett, J Posh
 Nondestructive Analysis of Mummified and Skeletal Remains: Approaches to
 Maximizing Imaging Outcomes.
 26th Annual Meeting of the Paleopathology Association.
 Columbus, Ohio. 1999.
- Ganey, TM, JA Ogden, **GJ Conlogue**, DW Klotch, WC Hutton
 Trabecular Parameters in Whales: Examining Naive Trabecular Conformation.
 44th Annual Meeting of the Orthopaedic Research Society.
 New Orleans, Louisiana. 1998
- Nelson, A, **G Conlogue**
 Field Radiology in Archaeology: Penetrating Problems and Illuminating Research in
 Osteology.
 25th Annual Meeting of the Canadian Association for Physical Anthropology.
 London, Ontario. 1997.
- Conlogue, G**, R Googe, D Poole, R Mayo
 Magnetic Resonance Imaging of the Elasmobranch Chondrocranium.
 7th Annual Meeting of the American Elasmobranch Society.
 New York, New York. 1991.
- Mitchell, MD, **GJ Conlogue**, SK Sen, AD Herbert
 An Advanced-Placement Program for MRI Technology Training.
 Annual Meeting of the Society of Magnetic Resonance In Medicine.
 New York, New York. 1988
- Conlogue, GJ**, S Healy, S Jeffries
 A Comparison of Four Methods of Examining Canine Teeth to Determine Relative Age
 of Harbor Seals, *Poca vitulina richardi*.
 66th Annual Meeting of the American Society of Mammalogists.
 Madison, Wisconsin. 1986.
- Conlogue, GJ**
 The Value of Marine Mammal Carcasses to Live Animal Rehabilitation and Management
 Programs.
 Northeast Regional Stranding Network Conference.
 Atlantic City, New Jersey. 1985.
- Conlogue, GJ**, JA Ogden, E Arruda
 Roentgenographic Indicators of Skeletal Development of the Harbor Seal (*Phoca
 vitulina*).
 12th Annual Conference of the International Association for Aquatic Animal Medicine.
 Mystic, Connecticut. 1981.
- Conlogue, GJ**, JA Ogden
 Radiographic Skeletal Aging of Small Cetaceans.
 12th Annual Conference of the International Association for Aquatic Animal Medicine.
 Mystic, Connecticut. 1981

Conlogue, GJ, T Newby, JA Ogden

The Relationship Between Parasite Load and the Age of Dall's Porpoises (*Phocoenoides dalli dalli*)

12th Annual Conference of the International Association for Aquatic Animal Medicine.

Mystic, Connecticut. 1981

POSTER PRESENTATIONS

Conlogue, G, T Blyth, J Li, R Beckett, A Dhody, R Gonzalez, F Cerrone, M Schlenk, D Lindisch

Revealing Her Secrets One Modality at a Time.

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

Conlogue, G, T Blyth, J Li, A Dhody, R Beckett, R Lombardo

“R” Versus “CR”: What a Difference a “C” Makes.

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

O'Brien, J, T Blyth, **G Conlogue**

Gradient Changes in Computed Radiographic Systems

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

Hamid, E, **G Conlogue**, V Henoach, H Pierson, J Finger, R. Beckett

The Current Postmortem Condition of a Century Old Mummy: A Pictorial Assay Based on MDCT and Radiographic Findings.

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

Hamid, E, **G Conlogue**, V Henoach, J Finger, R. Beckett

Learning from the Past.

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

Woodward, J, R Gonzalez, R Beckett, G Conlogue, C Cool, S Groshong

Lung Lesion Biopsy of a 19th Century West Virginia Mummy

37th Annual North American Paleopathology Association Meeting
Albuquerque, New Mexico. 2010

Li, J, **G Conlogue**, R Beckett

Radiographic Interpretation by Consensus: Diagnosing Pelvic Pathology in Mummies from Guanajuato, Mexico.

36th Annual North American Paleopathology Association Meeting
Chicago, Illinois. 2009

Conlogue, G, T Blyth, J Li, R. Beckett

A Comparison of Conventional or Plane Radiography Versus Computerized Radiography in Paleoimaging Applications

1st Balzano Mummy Congress.

Balzano, Italy. 2009

- Boston, CE, L Short, AJ Nelson, **G Conlogue**
 Changes in the Growth and Development of the Face as Related to Artificial Cranial Modification: A Cephalometric Analysis.
 36th Annual Meeting of the Canadian Association for Physical Anthropology.
 Hamilton, Ontario, Canada. 2008.
- Conlogue, G**, R Beckett, Y Bailey, J Li
 A Preliminary Radiographic and Endoscopic Examination of 21 Mummies at the “Museo de Las Momias” in Guanajuato, Mexico and the Importance of a Team Approach to Imaging Interpretation.
 35th Annual North American Paleopathology Association Meeting
 Columbus, Ohio. 2008
- Beckett, R, J Posh, C Czaplinski, **G Conlogue**, L Quarino, J Kishbaugh, A Bonner
 Moving Toward Field Application of Percutaneous Needle Biopsy in Mummified Remains Using a Non-Gravity Dependent Needle Scrape/Aspiration Technique with CT and Endoscopy Guidance – A Preliminary Study.
 35th Annual North American Paleopathology Association Meeting
 Columbus, Ohio. 2008
- Bailey, Y, **G Conlogue**, J Posh, R Beckett
 Multi-Modality Paleoimaging of a Sideshow Mummy
 34th Annual North American Paleopathology Association Meeting
 Philadelphia, Pennsylvania. 2007
- Beckett, R, **G Conlogue**, D Henderson
 Light Reflectance Signatures Among Mummified Organs with Endoscopic Guidance and Radiographic Correlation – A Preliminary Study.
 34th Annual North American Paleopathology Association Meeting
 Philadelphia, Pennsylvania. 2007
- Nelson, AJ, **G Conlogue**, R Beckett, J Posh, R Chhem, E Wright, J Rogers
 Multi-Modality Analysis of Variability in Transnasal Craniotomy Lesions in Egyptian Mummies.
 34th Annual North American Paleopathology Association Meeting
 Philadelphia, Pennsylvania. 2007
- Posh, JC, **G Conlogue**, R Beckett
 The Use of MRI in the Evaluation of three Mummies with Varying Methods of Preservation.
 34th Annual North American Paleopathology Association Meeting
 Philadelphia, Pennsylvania. 2007
- Posh, JC, **G Conlogue**, R Beckett, J Cooney, G Double, D Echelard, M Olson
 The Role of MRI in the Evaluation of Mummified Human Remains Preserved with Arsinic
 15th Annual Scientific Meeting Section of Magnetic Resonance Technologists (SMRT)
 Seattle, Washington. 2006
- Conlogue, G**, R Beckett, J Posh, J Neuman, T King, D Henderson, H Dephillips, G Double, N Bellantoni, MC Sonntag
 A Good Story vs. Scientific Fact: Exploring the Mystery of “James Penn”
 33rd Annual North American Paleopathology Association Meeting
 Anchorage, Alaska. 2006

- Beckett, R, **G Conlogue**, J Posh, G Double, D Henderson, MC Sonntag, A Guzik
 The Legend of Sylvester: One Tough Cowboy
 33rd Annual North American Paleopathology Association Meeting
 Anchorage, Alaska. 2006
- Conlogue, G**, J Jones, R Beckett, M Biesinger, L Engel, MO Smith
 Imaging the Legend of Marie O'Day
 32nd Annual North American Paleopathology Association Meeting
 Milwaukee, Wisconsin. 2005
- Conlogue, G**, J Mansilla Lory, R Beckett, I Santiago, L Reyna, A Bucher
 A Preliminary Radiographic Survey of Ten Mummies in El Museo Carmen in Mexico
 City, Mexico.
 31st Annual North American Paleopathology Association Meeting
 Tampa, Florida. 2004
- Beckett R, **G Conlogue**, GA Stanley, P Holman, L Engel
 Tension Pneumothorax in a Block Head
 31st Annual North American Paleopathology Association Meeting
 Tampa, Florida. 2004
- Beckett, R, AJ Bravo, **G Conlogue**, S Guillén
 Dead Men Breathing: The Prevalence of Intrathoracic and Extrathoracic Pulmonary
 Paleopathologies Among 83 Chachapoya Mummies.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Bravo, AJ, **G Conlogue**, R Beckett, L Engel
 Exploring the Myth and Paleopathologies of Mummies from a Turkish Tomb.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Bravo, AJ, **G Conlogue**, R Beckett, A Staskiewicz, L Engel, S McGann
 A Paleopathological Examination of Eighteen Mummies from the Church of the Dead,
 Urbania, Italy.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Cartmell, L, **G Conlogue**, R Beckett, P Condell
 The Paleopathology of a Mummified Arm among the "Big Four", a Collection of Natural
 Mummies in Saint Michan's Church, Dublin, Ireland.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Conlogue, G**, R Beckett, AJ Bravo, R Martin, MO Smith
 Anna of Kastl, Germany: An Evaluation of the Princess Mummy.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Horner, KE, and **G Conlogue**
 Incidence of External Auditory Exostoses among the Wishram and Wasco Tribes of the
 Columbia River Valley.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003

- Karazulas, G, AJ Bravo, **G Conlogue**, S Guillén
 Dead Men Smiling: A Radiographic Survey of Chachapoya Teeth.
 30th Annual Meeting of the Paleopathology Association.
 Tempe, Arizona. 2003
- Bravo, A, **G Conlogue**, S Guillén, J Salazar
 Imaging Spine Pathology in Chachapoya Mummies.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Cartmell, L, **G Conlogue**, R Beckett, L Engel
 An Imaging Examination of the Legend of Hazel Farris.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Fornaciari, G, L Ventura, **G Conlogue**, R Beckett, L Engel, A Bucher
 Paleopathology of a Nobelman from Popoli, Italy.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Guillén, S, R. Beckett, **G Conlogue**
 Evidence of Possible Cerebral Hematoma in a Chiribaya Infant with
 Intentional Cranial Vault Modification.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Nelson, AJ, Toyne JM, T Neave, **G Conlogue**, R Beckett, G Garvin, C Nelson
 The Sulman Mummy: Prince, Princess or Pauper.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Gallegos, A, JL Thompson, B Arriaza, SF Chung, V Cassman, **G Conlogue**,
 R. Beckett
 Preliminary Analysis of a Naturally Mummified Chinese Immigrant from
 Carlin, Nevada.
 29th Annual Meeting of the Paleopathology Association.
 Buffalo, New York. 2002.
- Arriaza, B, **G Conlogue**, A Bravo, V Standed, A Inzulza
 Conventional and Computed Radiography of Chinchorro Mummies.
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001.
- Beckett, R, S Guillén, **G Conlogue**
 Chachapoya Mummies: Pulmonary Pathologies.
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001
- Bravo, A, **G Conlogue**, S Guillén
 Chachapoya Mummies: Pathology and Trauma of the Spine.
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001

- Cordy-Collins, A, **G Conlogue**, G Gavin, A Nelson, JM Toyne
 Radiographic and Paleopathologic Diagnosis of A52 T1 B1 (an Ancient Peruvian Giant).
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001
- Cordy-Collins, A, **G Conlogue**, R Beckett
 The Mystery of the Giants: Unusual Growth Patterns in Two "New" Giants from Prehistoric Peru.
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001
- Karazulas, G, A Bravo, **G Conlogue**, S. Guillén
 Chachapoya Mummies: Dental Pathology
 28th Annual Meeting of the Paleopathology Association.
 Kansas City, Missouri. 2001
- Duclos, L, R Beckett, **G Conlogue**
 Endoscopy as an Adjunct to Determining Age at Death in Mummified Remains.
 27th Annual Meeting of the Paleopathology Association.
 San Antonio, Texas. 2000.
- Lombardo, B, **G Conlogue**, R Colten
 The Use of Computed Radiography to Survey Mummified Remains.
 27th Annual Meeting of the Paleopathology Association.
 San Antonio, Texas. 2000.
- Conlogue, G**, J Posh, J Monge, R Colten
 Pitfalls of Three-Dimensional Computed Tomography.
 27th Annual Meeting of the Paleopathology Association.
 San Antonio, Texas. 2000.
- Posh, JC, R Beckett, **J Conlogue**, J Monje
 Magnetic Resonance Evaluation of Mummified Remains
 ISMRM/SMRT 8th Annual Meeting
 Philadelphia, Pennsylvania. 1999
- Nelson, A, **G Conlogue**, W Hennessy, S Gauld
 A Preliminary Study to Determine the Most Suitable Radiographic Projections to Document Intentional Cranial Deformation.
 26th Annual Meeting of the Paleopathology Association.
 Columbus, Ohio. 1999.
- Hennessy, W, **G Conlogue**
 Developing Standardized Total Body Radiographic Projections of Mummified Peruvian Remains.
 26th Annual Meeting of the Paleopathology Association.
 Columbus, Ohio. 1999.
- Beckett, R, **G Conlogue**, R Colten
 Endoscopic Evaluation of a Segmented Sternum with Radiographic Correlation in a Peruvian Infant, Implication for Aging of the Individual.
 26th Annual Meeting of the Paleopathology Association.
 Columbus, Ohio. 1999.

- Conlogue, G, S Guillén, J Salazar**
Field Radiography of Mummified Peruvian Remains.
26th Annual Meeting of the Paleopathology Association.
Columbus, Ohio. 1999.
- Beckett, R, **G Conlogue**
Video Enhanced Fiberoptic Examination of Skeletal Material and Artifacts with Radiographic Correlation.
25th Annual Meeting of the Paleopathology Association.
Salt Lake City, Utah. 1998.
- Conlogue, G, A Nelson**
The Use of Polaroid Photographic Imaging System to Produce Radiographic Images at a Field Archaeological Site in Peru.
25th Annual Meeting of the Paleopathology Association.
Salt Lake City, Utah. 1998.
- Ganey, TM, JA Ogden, **GJ Conlogue**, DW Klotch, WC Hutton
Trabecular Parameters in Whale: Examining Naive Trabecular Conformation.
44th Annual Meeting, Orthopaedic Research Society
New Orleans, Louisiana. 1998
- Conlogue, GJ, W Hennessy**
Back to Basics: A New Look at an Old Approach to Imaging Mummified Remains.
25th Annual Meeting of the Paleopathology Association.
St. Louis, Missouri. 1997.
- Conlogue, G, D Forcier, M Airo, J Kilosky, S Gambardella**
The Soap Man, John Wilkes Booth and an Aleut Infant.
65th Annual Meeting of the American Society of Radiologic Technologists.
Baltimore, Maryland. 1993.
- Conlogue, G, D Forcier, M Airo, J Kilosky, S Gambardella**
The Soap Man, John Wilkes Booth and an Aleut Infant.
Connecticut Society of Radiologic Technologists.
Cromwell, Connecticut. 1993.
- Conlogue, G, B Googe, D Poole**
Sectional Anatomy of the Elasmobranch Chondrocranium.
56th Annual Meeting of the Florida Academy of Sciences.
Orlando, Florida. 1992.
- Conlogue, G, G Worden**
Modification of Radiographic Equipment and Procedures for an Examination of an Adipocere Cadaver.
17th Annual Meeting of the Paleopathology Association.
Miami, Florida. 1990.
- Conlogue, G**
Radiography of the Pelvic Limb of the Harbor Seal, *Phoca vitulina*, to Document Skeletal Development and as a Possible Aging Technique.
54th Annual Meeting of the Florida Academy of Science.
Melbourne, Florida. 1990.

- Conlogue, G, M Schlenk, F Cerrone**
 Dr. Leidy's Soap Lady: Imaging the Past.
 American Society of Radiologic Technologists.
 Washington, DC. 1987.
- Hume, E, M Pearlmutter, **G Conlogue**
 Effects of Running, Swimming and Weightlifting on Bone Strength in Female Rats.
 Bone and Mineral Research Society.
 Indianapolis, Indiana. 1987.
- Conlogue, G, M Schlenk, F Cerrone**
 Dr. Leidy's Soap Lady: Imaging the Past.
 Connecticut Society of Radiologic Technologists.
 Stamford, Connecticut. 1987.
- Conlogue, G, M Schlenk, F Cerrone**
 Dr. Leidy's Soap Lady: Imaging the Past.
 Pennsylvania Society of Radiologic Technologists.
 Seven Springs, Pennsylvania. 1987.
- Hume, E, M Pearlmutter, **G Conlogue**
 Effects of Running, Swimming and Weightlifting on Bone Strength in Female Rats.
 1st Annual Sigma Xi Faculty Research Day.
 Thomas Jefferson University.
 Philadelphia, Pennsylvania. 1987.
- Conlogue, GJ**
 Non-Traditional Applications of Diagnostic Imaging: Aging Harbor Seals.
 1st Annual Sigma Xi Faculty Research Day.
 Thomas Jefferson University.
 Philadelphia, Pennsylvania. 1987.
- Conlogue, GJ, JA Ogden**
 Development of the Thoracic Limb of the Harbor Seal, *Phoca vitulina concolor*,
 and Its Possible Use as an Aging Technique.
 66th Annual Meeting of the American Society of Mammalogists.
 Madison, Wisconsin. 1986.
- Conlogue, GJ, M Kueny**
 Non-Traditional Applications of Diagnostic Imaging.
 Pennsylvania Society of Radiologic Technologists.
 Bedford Springs, Pennsylvania. 1986.
- Conlogue, GJ**
 Microradiography.
 Connecticut Society of Radiologic Technologists.
 Cromwell, Connecticut. 1985.
- Conlogue, GJ**
 Bone Aging Cetaceans.
 22nd Annual Meeting of the New England Conference of Radiologic Technologists.
 Hartford, Connecticut. 1980.

Conlogue, GJ

Radiography of Marine Mammals.
Connecticut Society of Radiologic Technologists
Meriden, Connecticut. 1980.

SCIENTIFIC EXHIBITS

Nelson, AJ, JM Toyne, T Neave, **G Conlogue**, R Beckett, G Gavin. C Nelson.
The Sulman Mummy. (Permanent Museum Exhibit)
Chatham-Kent Museum
Chatham Cultural Center
Chatham, Ontario
September, 2002

Conlogue, GJ

Cetacean Parasites.
Mystic Marinelife Aquarium.
Mystic, Connecticut.
June, 1980.

Conlogue, GJ

Current Research in Marine Mammals.
Gloucester Fisherman's Museum
Gloucester, Massachusetts.
May, 1980.

SCIENTIFIC EXHIBITS - CONTRIBUTOR

Accidental Mummies of Guanajuato
Detroit Science Center
Detroit, Michigan
World Debut – October, 2009

GALLERY EXHIBIT

Conlogue, G

“A Penguin Pot” and “Two Mandibles for Age Determination”
in “Shake it: An Instant History of the Polaroid”
Pump House Gallery
Battersea Park. London, UK
7 October – 13 December 2009

Conlogue, J

Revealing Shadows / X-ray Visions
Prospect Public Library
Prospect, Connecticut
May, 2007

Conlogue, J

Revealing Shadows / X-Ray Visions
The Atlantic Gallery
449 Putnam Avenue, Hamden, Connecticut
2 August - 3 September, 2004

PRESENTATIONS**Conlogue, G**

Integrating Multi-detector CT (MDCT) and MR into Forensics
ASRT# - MED0100009 - 1.0 CEU
OctoberQuest 2010
Maine Medical Center
Portland, Maine. October, 2010

Beckett, R, G Conlogue

Mummy Whisperers: Coaxing Secrets from Mummies Through Paleoimaging
Archaeologic Chemistry, Trinity College
Hartford, Connecticut. September, 2010

Beckett, R, G Conlogue

Oh Mummy!!! Paleoimaging Mummies Morbidity and Mortality Rounds
Hartford Medical Society
University of Connecticut Medical Center
Farmington, Connecticut. May 2010

Beckett, R, G Conlogue

Mummy Whisperers: Coaxing Secrets from Mummies Through Paleoimaging
OC Marsh Lecture Fellowship Lecture Series, Peabody Museum
New Haven, Connecticut. March, 2010

Conlogue, G

Another Cheney Bird Hunting Accident?
Bring Your Own Slides (BYOS)
Proceedings of the 62 Annual Scientific Meeting American Academy of Forensic
Sciences.
Seattle, Washington. February 2010.

Conlogue, G, R Beckett

Mummy Dearest: Interpreting the Past Through Paleoimaging
Friends of the Office of State Archaeology (FOSA)
Annual Meeting
Glastonbury, Connecticut. January 2010

Conlogue, G

The Role of the Radiographer in Imaging Gently
ASRT# - CTX0009046 - 1.0 CEU
67th Annual Conference
Connecticut Society of Radiologic Technologists
Cromwell, Connecticut. September 2009

Conlogue, G

Show Me the Mummies!
Continuing Education, Community and Economic Development
CTD # 0049036 - 2.0 category A credits)
Naugatuck Valley Community College
Waterbury, Connecticut. April 2009

Beckett, R, **G Conlogue**

In Their Own Words: Mummies Speak
Mummies and More
Peabody Museum, Yale University
New Haven, Connecticut. April 2009

Beckett, R, **G Conlogue**

Old Bodies, New Tools: Paleoimaging Mummified Trauma
International Trauma Life Support (ITLS)
24th International Trauma Conference
Guanajuato, Mexico. November 2008

Conlogue, J

Introduction to Paleoimaging and Forensic Imaging
International Forensic Imaging Symposium 2008:
Practical Approaches to Imaging in Forensic Investigation
University College Dublin School of Medicine and Medical Science
Dublin, Ireland. July 2008

Conlogue, J

Archaeological Case Studies
International Forensic Imaging Symposium 2008:
Practical Approaches to Imaging in Forensic Investigation
University College Dublin School of Medicine and Medical Science
Dublin, Ireland. July 2008

Conlogue, J

“McGuyver” Radiography
International Forensic Imaging Symposium 2008:
Practical Approaches to Imaging in Forensic Investigation
University College Dublin School of Medicine and Medical Science
Dublin, Ireland. July 2008

Conlogue, J

Paleoimaging: Radiography in Mummy Research
Vermont Society of Radiologic Technologists
(ASRT # - VRT0008004 – 1.0 CEU)
Annual Conference
Montpelier, Vermont, March 2008

Conlogue, G

Paleoimaging and the Possible Role of Magnetic Resonance Imaging
President’s Regional Educational Conference
Section for Magnetic Resonance Technologists (SMRT)
Mashantucket, Connecticut, November 2007

Conlogue, G

Basic Paleoimaging
Video Conference with Forensic Anthropology & Bioarchaeology Graduate Program
Pontificia Universidad Catolica del Perú
Lima, Perú, October 2007

Beckett, R, G Conlogue

Mummies: In Their Own 'Words'
Shackelton Memorial Keynote Presentation
Connecticut Science Teachers Association Annual Meeting
New Britain, Connecticut, October 2007

Conlogue, G

Mummies and Multimodality Paleoimaging
(ASRT # - MED0107021 – 1.5 CEU)
October Quest 2007
Maine Medical Center
Portland, Maine, October 2007

Conlogue, G

Which Button Do I Push? Problems Associated with MDCT of Mummified Remains
(ASRT# - CTX0007024 – 1.0 CEU)
65th Annual Conference
Connecticut Society of Radiologic Technologists
Cromwell, Connecticut. September 2007

Conlogue, G

Forensic Imaging
(Massachusetts # - MAN061152 -1 credit A/Direct Radiology)
Beth Israel Deaconess Medical Center (BIDMC)
Boston, Massachusetts. December 2006

Conlogue, G

The Mummy Road Show and Beyond
Berkshire AHEC (Area Health Education Center)
Pittsfield, Massachusetts. November 2006

Conlogue, G

Paleoimaging and the Role of Magnetic Resonance Imaging
Northeast Ohio Section for Magnetic Resonance Technologists
Akron, Ohio. September 2006

Conlogue, G

Adventures in Non-Traditional Imaging from Homicide Victims to Zeus' Right Foot
64th Annual Conference
Connecticut Society of Radiologic Technologists
Cromwell, Connecticut. September 2006

Beckett, R, G Conlogue

Mummy Science: A New View
Howard Hughes Medical Institute Lecture Series
Trinity College
Hartford, Connecticut. June 2006

- Beckett, R, **G Conlogue**
 Optimizing the Use of Video Endoscopy in Bioanthropological Studies
 New England Biological Anthropology Symposium,
 Harvard University
 Boston, Massachusetts. April 2006
- Conlogue, G**, R Beckett, J Posh
 Optimizing Computed Tomographic Technical Factors and Protocols for Mummified
 Remains
 New England Biological Anthropology Symposium,
 Harvard University
 Boston, Massachusetts. April 2006
- Conlogue, J**
 An Imaging Study of an Arsenic Mummy with Known Provenance
 Spring 2006 Faculty Research Series
 Quinnipiac University
 Hamden, Connecticut. April 2006
- Conlogue, G**, R Beckett
 Imaging in Bioarchaeology
 University of Alaska, Fairbanks
 Fairbanks, Alaska. March 2006
- Beckett, R, **G Conlogue**
 Paleoimaging: The Field Applications of Nondestructive Analysis in Anthropological
 Studies
 Anthropology Department Colloquium
 University of Alaska, Fairbanks
 Fairbanks, Alaska. March 2006
- Conlogue, J**, R Beckett
 High-Tech Mummy Surveillance: Seeing Inside Mummies
 Houston Museum of Natural Science
 Houston, Texas. February 2006
- Conlogue, G**
 Radiation in the Market Place from Roentgen to the Atomic Age
 (Massachusetts # - MAX0005012 -1 credit A/RP)
 74th Annual Conference
 Massachusetts Society of Radiologic Technologists
 Westborough, Massachusetts. April 2005
- Conlogue, G**
 Sideshow Mummies: A Radiographic Perspective
 (Massachusetts # - MAX 0005018 – 2 credits A/DR/CT)
 74th Annual Conference
 Massachusetts Society of Radiologic Technologists
 Westborough, Massachusetts. April 2005

Conlogue, G

Forensic Radiography and the Kennedy Assassination
Sigma XI Lecture
Quinnipiac University
Hamden, Connecticut. November 2004

Conlogue, J

Origins, Purpose and Other Peculiar Aspects of Sideshow Mummies
Maryland Institute, College of Art
Baltimore, Maryland. November 2004

Conlogue, J

Mummies I Have Known: Highlights Of the Mummy Road Show
Keynote Address - 2004 Annual Meeting
The Canadian Association for Physical Anthropology
London, Ontario. October 2004

Conlogue, J and R Beckett

When the Dead Speak: Inside Mummies
Denver Museum of Nature & Science
Denver, Colorado. July 2004

Conlogue, G

Forensic Radiography: An Overview
(ASRT# - CTX0004008)
62nd Annual Conference
Connecticut Society of Radiologic Technologists
Farmington, Connecticut. June 2004

Conlogue, G

The Mummy Road Show: A Radiologic Window into the Past
(Massachusetts # - MAX0004016 - 2 CT credits)
73rd Annual Conference
Massachusetts Society of Radiologic Technologists
Sturbridge, Massachusetts. May 2004

Conlogue, G

The Mummy Road Show: A Radiologic Window into the Past
(Massachusetts # - MA010402 - 2 Cat A/DR credits)
Massachusetts Society of Radiologic Technologists
Boston District Meeting - Massachusetts General Hospital
Boston, Massachusetts. January 2004

Conlogue, G

Field Radiography: The Ultimate Problem Solving Experience
(ASRT # CTD0103002 - 2 CEU)
Naugatuck Valley Technical Community College
Waterbury, Connecticut. October, 2003

Conlogue, J and R Beckett

Mummies: Its What's on the Inside that Counts
Department of Adult Programs
Houston Museum of Natural History
Houston, Texas. September 2003

Conlogue, G

Imaging the Past
International Conference on Health and Science Communications
28th Annual Conference
Bethlehem, Pennsylvania. June 2003

Conlogue, G

Radiation Protection from the Early Effects of Radiation to Today's Awareness
(Massachusetts # - MAAC050312 - 1 Cat A/DR credit)
72nd Annual Conference
Massachusetts Society of Radiologic Technologists
Sturbridge, Massachusetts. May 2003

Conlogue, G

Forensic Radiography
(ASRT # CTD0023017-2 CEU)
Naugatuck Valley Technical Community College
Waterbury, Connecticut. April 2003

Conlogue, G

Field Radiography: The Ultimate Problem Solving Experience
(ASRT # CTD0102007-1 CEU)
Educators & Technologists Seminar
Quinnipiac University
Hamden, Connecticut. October 2002

Conlogue, G

Computed Tomography: Radiation Safety and Quality Assurance
Topics in Radiology
Berkshire AHEC (Area Health Education Center)
Pittsfield, Massachusetts. September 2001

Conlogue, G

The Mummy Road Show: Field Radiography of Saints to Sinners
43rd Annual New England Conference of Radiologic Technologists.
Hyannis, Massachusetts. September 2001

Conlogue, G

Computed Tomography: Radiation Safety and Quality Assurance
Topics in Radiology
43rd Annual New England Conference of Radiologic Technologists.
Hyannis, Massachusetts. September 2001

Beckett, RG and G Conlogue

Paleoimaging
Sigma Xi Seminar
Quinnipiac University
Hamden, Connecticut. February 2001

Conlogue, G

Field Radiography of Mummified Remains
Fall Imaging Seminar: Paleo-Forensics
St. Lukes Hospital
Bethlehem, Pennsylvania. November 2000

Conlogue, G

Peru 2001 Season Workshop
Arkansas State University.
Jonesboro, Arkansas. October 2000

Conlogue, G

Field Radiography of Mummified Peruvian Remains
(ASRT #CTX1000022-1 CEU).
42nd Annual New England Conference of Radiologic Technologists.
Burlington, Vermont. 2000

Conlogue, G

CT Review (ASRT #CTX1000040-1 CEU).
42nd Annual New England Conference of Radiologic Technologists.
Burlington, Vermont. 2000

Conlogue, G

An Overview of Bone Densitometry (ASRT #1000042-1 CEU).
42nd Annual New England Conference of Radiologic Technologists.
Burlington, Vermont. 2000

Conlogue, G

Peruvian Radiographic Archaeology Workshop.
Arkansas State University.
Jonesboro, Arkansas. October 1999

Conlogue, G

Paleoradiology (ASRT # CT0179002 - 1 CEU)
In-Service Education Lecture.
Middlesex Hospital
Middletown, Connecticut. March 1999

Conlogue, G

Radiography of Mummified and Skeletal Remains from Three Sites in Peru.
Department of Pathobiology.
College of Agriculture and Natural Resources.
University of Connecticut.
Storrs, Connecticut. March 1999

Conlogue, GJ

Cross Sectional Anatomy: A Short Course
(ASRT # CTD0029002-15 CEU).
Naugatuck Valley Community College.
Waterbury, Connecticut. February-March 1999

Conlogue, G

CT Review
(ASRT # CTZ0179001 - 9 CEU)
Quinnipiac College
Hamden, Connecticut. January-February 1999

Conlogue, G

Radiography of Mummified Remains
Field Workshop: "Bioarchaeology of the Chiribaya Culture"
Centro Mallqui.
Ilo (Algorrobal), Peru. July 1998

Conlogue, GJ

Field Radiography in Peru.
Monthly Meeting of the Capital District Society of Radiologic Technologists.
Albany, New York. April 1998

Conlogue, GJ

Cross Sectional Anatomy: A Short Course.
Naugatuck Valley Community College.
Waterbury, Connecticut. February-April 1998

Conlogue, GJ

Field Radiography at an Archaeological Site in Peru.
Sigma Xi Lecture.
Quinnipiac College.
Hamden, Connecticut. February 1998

Conlogue, GJ

Physics Review for Computed Tomography: A Short Course
Naugatuck Valley Community College.
Waterbury, Connecticut. January-February 1998

Conlogue, GJ

Field Radiography in Peru.
In-Service Education Lecture.
Graduate Medical Center.
Philadelphia, Pennsylvania. November 1997

Conlogue, GJ

Cross Sectional Anatomy: A Short Course.
Naugatuck Valley Community College.
Waterbury, Connecticut. February-March 1997

Conlogue, GJ

Physics Review for Computed Tomography: A Short Course
Naugatuck Valley Community College.
Waterbury, Connecticut. February 1997

Conlogue, GJ

Radiographic Technique and Film Critiquing
Continuing Education Seminar.
Gateway Community College - North Haven Campus.
North Haven, Connecticut. November 1996

Conlogue, GJ

Cross Sectional Anatomy: A Short Course.
Naugatuck Valley Community College.
Waterbury, Connecticut. September-October 1996

Conlogue, GJ

Soap Man, Giants and Mummies: The Past Revisited.
Continuing Education Seminar.
Naugatuck Valley Community College.
Waterbury, Connecticut. September 1996

Conlogue, GJ

Sectional Anatomy of the Head, Neck, Thorax and Abdomen.
Continuing Education Seminar.
Connecticut Society of Radiologic Technologists.
Stratford, Connecticut. March 1996

Conlogue, GJ

Computed Tomography Review
Manchester Memorial Hospital School of Radiologic Technology.
Manchester, Connecticut. March 1996

Conlogue, GJ

A Comparison of Computed Tomography and Magnetic Resonance Imaging.
Continuing Education Seminar.
Gateway Community College - North Haven Campus.
North Haven, Connecticut. March 1996

Conlogue, GJ

Sectional Anatomy of the Abdomen and Pelvis.
Continuing Education Seminar.
Gateway Community College - North Haven Campus.
North Haven, Connecticut. October 1995

Conlogue, GJ

Sectional Anatomy of the Neck and Thorax.
Continuing Education Seminar.
Gateway Community College - North Haven Campus.
North Haven, Connecticut. May 1995

Conlogue, GJ

Sectional Anatomy of the Head
Continuing Education Seminar.
Gateway Community College - North Haven Campus.
North Haven, Connecticut. March 1995

Conlogue, GJ

CVIT Review.
Manchester Memorial Hospital School of Radiologic Technology.
Manchester, Connecticut. January 1995

Conlogue, GJ

Education and Career Issues.
Continuing Education Seminar.
Naugatuck Valley Community College.
Waterbury, Connecticut. November 1994

Conlogue, GJ

Ms. Hen, Her Cat and Other Mummies.
Annual Meeting of the New Hampshire Society of Radiologic Technologists.
Manchester, New Hampshire 1994

Conlogue, GJ

Non-Traditional Applications of Diagnostic Imaging.
The Senior Forum. Ridgefield Men's Club.
Ridgefield, Connecticut. June 1994

Conlogue, GJ

Using Radiologic Technology to Image the Past.
Annual Meeting of the Maine Society of Radiologic Technologists.
Rockland, Maine 1994

Conlogue, GJ

Using Radiologic Technology to Image the Past.
Continuing Education Seminar.
Naugatuck Valley Community College.
Waterbury, Connecticut. March 1994

Conlogue, GJ

Introducing Middle and High School Students to Diagnostic Imaging.
Frontiers in Biomedicine and Biotechnology.
Hamden, Connecticut. 1993

Conlogue, GJ

Imaging a Soap Man, John Wilkes Booth and a Peruvian Woman.
Frontiers in Biomedicine and Biotechnology.
Hamden, Connecticut. 1993

Conlogue, GJ

Imaging a Soap Man, John Wilkes Booth and a Peruvian Woman.
35th Annual Meeting of the New England Society of Radiologic Technologists.
Stamford, Connecticut. 1993

Conlogue, GJ

Dr. Leidy's Soap Lady: Imaging the Past.
4th Far West Imaging Perception Conference.
Clear Point, Alabama. 1991

Conlogue, GJ

Basic Quality Assurance.
1st Annual Meeting of the Emerald Coast Society of Radiologic Technologists.
Fort Walton Beach, Florida. 1991

Conlogue, GJ

Dr. Leidy's Soap Lady: Imaging the Past.
1st Annual Meeting of the Emerald Coast Society of Radiologic Technologists.
Fort Walton Beach, Florida. 1991

Conlogue, GJ

Non-Traditional Applications of Radiologic Technology.
Inaugural Meeting of the Emerald Coast Society of Radiologic Technologists.
Fort Walton Beach, Florida. 1990

Conlogue, GJ

Dr. Leidy's Soap Lady.
Annual Meeting of the Connecticut Society of Radiologic Technologists.
Waterbury, Connecticut. 1988

Conlogue, GJ

The Technologist's Role in Research.
Monthly Meeting of the Philadelphia Society of Radiologic Technologists.
Philadelphia, Pennsylvania. March 1988

Conlogue, GJ

Veterinary Radiography.
10th Annual Student/Educators Seminar
King of Prussia, Pennsylvania. 1988

Herbert, AD and **GJ Conlogue**

Cooperative Research.
59th Annual Meeting of the American Society of Radiologic Technologists.
Washington, DC. 1987

Conlogue, GJ

Cost Effective Radiology.
Monthly Meeting of the Philadelphia Chiropractic Association.
Springfield, Pennsylvania. June 1987

Conlogue, GJ

Research Applications in Non-Traditional Radiologic Technology.
2nd Annual Wilhelm Konrad Roentgen Memorial Day of Learning. Thomas Jefferson
University.
Philadelphia, Pennsylvania. 1987

Conlogue, GJ

Osteoporosis.
9th Annual Student/Educators Seminar
Philadelphia Society of Radiologic Technologists
Valley Forge, Pennsylvania. 1987

VIDEO PRODUCTION (TECHNICAL CONSULTANT)

"Lost Warriors of the Clouds"

Engle Brothers Media Inc., New York, New York.
Discovery Channel
Premier: October 1998

VIDEO PRODUCTIONS (PRESENTATIONS)

"Las Momias"

Detroit Science Center
Accidental Mummies, LLC
October, 2009

- "Monster Museums" – Mystery Hunters III
 Apartment 11 Productions, Montreal, Canada
 Discovery Channel
 Premier: January 2007
- "The Mummy Road Show" - (3rd season) 13 episode series
 Engle Brothers Media Inc., New York, New York.
 The National Geographic Channel
 Premier: September 2003
- "The Mummy Road Show" - (2nd season) 13 episode series
 Engle Brothers Media Inc., New York, New York.
 The National Geographic Channel
 Premier: September 2002
- "The Mummy Road Show" - (1st season) 14 episode series
 Engle Brothers Media Inc., New York, New York.
 The National Geographic Channel
 Premier: October 2001
- "Oldest Mummies in the World"
 Cicada Films, London, England
 Discovery Channel
 Premier: December 2000
- "Unwrapped: The Mysterious World of Mummies"
 Episode 3:"Secrets of the Mummies"
 Café Productions Limited, London, England
 The Learning Channel
 Premier: December 2000
- "Desert Mummies of Peru" (followed by live Webcast from Ilo, Peru)
 Engle Brothers Media Inc., New York, New York.
 Discovery Channel
 Premier: October 2000

AWARDS

- Gail Pitkin Memorial Lecturer
 Connecticut Society of Radiologic Technologists
 Cromwell, Connecticut. September 2006
- 1st Place, Graduate Exhibit.
 Connecticut Society of Radiologic Technologists.
 Stamford, Connecticut. June 1987
- 2nd Place, Graduate Exhibit.
 Pennsylvania Society of Radiologic Technologists.
 Seven Springs, Pennsylvania. May 1987
- Joseph W. Post Award, Graduate Exhibit.
 Pennsylvania Society of Radiologic Technologists.
 Bedford Springs, Pennsylvania. April 1986

2nd Place, Graduate Exhibit.

Connecticut Society of Radiologic Technologists
Cromwell, Connecticut. June 1985

James E. Suzuki, RT, Memorial Award, Graduate Exhibit.

New England Conference of Radiologic Technologists
Hartford, Connecticut. September 1980

CERTIFICATION

American Registry of Radiologic Technology Magnetic Resonance (MR)	5/96
American Registry of Radiologic Technology Computed Tomography (CT)	5/95
American Registry of Radiologic Technology Radiography (R) (058582)	11/67

RADIOGRAPHER LICENSES

State of Connecticut (003123)	10/97
State of Florida (JX 0014525)	9/88
State of New York (041429415)	9/68

EMPLOYMENT

Radiologic Technologist (weekends) Radiology Department James C. Giuffre Medical Center Philadelphia, Pennsylvania	5/86 - 1/88
Radiologic Technologist (weekends and call) Radiology Department Metropolitan Hospital - Central Division Philadelphia, Pennsylvania	12/86 - 6/87
Radiologic Technologist (part time) Radiology Department College of Veterinary Medicine Washington State University Pullman, Washington	2/83 - 6/84
Radiologic Technologist (call) Radiology Department Pullman Memorial Hospital Pullman, Washington	11/82 - 3/83
Radiologic Technologist (call) Radiology Department Whitman Community Hospital Colfax, Washington	10/82 - 7/84

Associate in Research (Orthopaedics)	
Human Growth and Development Laboratory	
Yale University School of Medicine	
New Haven, Connecticut	7/77 - 9/81
Radiologic Technologist (weekends)	
Radiology Department	6/80 - 5/82
Hartford Hospital	5/77 - 7/77
Hartford, Connecticut	9/75 - 9/76
Radiologic Technologist (weekends)	
Radiology Department	
Mt. Sinai Hospital	
Hartford, Connecticut	1/73 - 6/73
Associate in Research	
Neuroradiology	
Yale University School of Medicine	
New Haven, Connecticut	11/71 - 9/76
Supervisor	
Radiology Research Laboratory	
Yale University School of Medicine	
New Haven, Connecticut	6/70 - 11/70
Radiologic Technologist (weekends)	
Radiology Department	
Bellevue Hospital	
New York, New York	1/70 - 6/70
Radiologic Technologist (full time - staff)	
Radiology Department	
Bellevue Hospital	
New York, New York	1/70 - 6/70
Instructor	
Radiologic Technology Program	
Mt. Sinai Hospital	
Hartford, Connecticut	2/69 - 8/69
Radiologic Technologist (weekends)	
Radiology Department	
Animal Medical Center	
New York, New York	9/68 - 2/69
Radiologic Technologist (full time - staff)	
Radiology Department	
Bellevue Hospital	
New York, New York	9/68 - 2/69
Radiologic Technologist (weekends)	
Radiology Department	
Hartford Hospital	
Hartford, Connecticut	1/68 - 9/68

Radiologic Technologist (full time - staff)	
Radiology Department	
Hospital of St. Raphael	
New Haven, Connecticut	1/68 - 9/68
Research Technician	
Radiology Research Laboratory	
Yale-New Haven Hospital	
New Haven, Connecticut	9/67 - 9/68
Morgue Diener	
Hartford Hospital	
Hartford, Connecticut	10/65 - 6/67

CURRICULUM VITAE

Education: B.S. Colegio Helvetia, Bogota, Colombia, 1972.
M.D. Colegio Mayor de Nuestra Senora del Rosario, Bogota, Colombia, 1977.

Carreer/Academic Appointments:

1977-78 Intern, rotary internship, Hospital Militar Central Colombia, Bogota, Colombia.

1978-81 Post Doctoral Fellow in Diagnostic Radiology Diagnostic Ultrasound and Computed Tomography, Yale University School of Medicine, New Haven, CT.

1981-83 Chief Section Diagnostic Ultrasound, Marly Clinic, Bogota, Colombia.

1981-83 Chief Section Ultrasound Medical Center of the Andes, Bogota, Colombia.

1981-83 Instructor Radiology Department Samaritan Hospital, Bogota, Colombia

1983-85 Resident Diagnostic Radiology, Yale New Haven Hospital, New Haven, CT.

1985-86 Instructor Diagnostic Radiology, Yale University School of Medicine, New Haven, CT.

1985-86 Attending Radiologist, Yale New Haven Hospital, New Haven, CT.

1986-87 Radiologist, Naugatuck -Watertown Radiology Philip M. Rothfeld M.D. Naugatuck, CT.

1987-2007 Attending Radiologist Radiological Associates of Middletown, Middletown, CT.

1987-2007 Senior Attending Radiologist, Middlesex Hospital, Middletown, CT.

1996-96 Attending Radiologist, Veterans Administration Hospital, Rocky Hill, CT.

1996-2005 Clinical Assistant Professor of Radiology, Yale University, New Haven, CT.

1996-2005 Attending Physician, Yale New Haven Hospital, New Haven, CT

2007-present Radiologist, Fallon Clinic, Worcester, MA.

- 2007-present Locums Radiologist ,Radiology and Imaging Inc. Springfield, MA.
- 2008-present Director Radiologist Assistant Program, Quinnipiac University, Hamden, CT.
- 2009-present Clinical Assistant Professor of Radiology, Yale University, New Haven, CT.
- 2009-present Attending Physician, Yale New Haven Hospital, New Haven, CT.

Administrative positions:

- 2008-present Director Radiologist Assistant Program, Quinnipiac University, Hamden, CT.

Board Certification:

- American Board of Radiology, Diagnostic Radiology, 1987.

Professional Organizations:

- 1980-present Member American Institute of Ultrasound in Medicine
- 1981-present Member American Roentgen Ray Society
- 1985-present Member Radiological Society of North America
- 1988-present Member American College of Radiology
- 1986-present Member Connecticut Medical Society
- 1986-present Member New England Roentgen Ray Society

Lectures:

- 1979 Viscomi, GN, **Gonzalez, R**, Taylor, KJW: Histopathological correlation of ultrasound appearances of liver metastases. American Institute of Medicine Annual Meeting .
- 1979 Viscomi, GN, **Gonzalez, R**, Taylor, KJW: Ultrasound detection of uterine abnormalities after DES exposure. Radiological Society of North America Annual Meeting.

Bibliography:

Peer-Reviewed Manuscripts:

- Viscomi GN, **Gonzalez R**, Taylor KJW, Crade M: Ultrasonic evaluation of hepatic and splenic trauma. Arch Surg 115:320-321, 1980.

Viscomi GN, **Gonzalez R**, Taylor KJW: Ultrasound detection of uterine abnormalities after DES exposure. *Radiology* 136:733-735,1980.

Viscomi, GN, **Gonzalez R**, Mannes E, Taylor KJW: Histopathological correlation of ultrasound appearances of liver metastases. *3 Clin Gastroenterol* 3:395-400,1981.

Bia MJ, Baggish D, Katz L, **Gonzalez R**, Kliger AS, Rosenfield AT: Computed tomography in the diagnosis of pelvic abscesses in renal transplant patients. *JAMA* 246:1435-1437, September 1981.

Pawar S, Kay CJ, **Gonzalez R**, Taylor KJW, Rosenfield AT: Sonography of splenic abscess. *AJR* 138:259-262, February 1982.

Sommer FG, **Gonzalez R**, Taylor KJW: Computed tomography and ultrasound findings of a gas-containing splenic abscess. *Yale J. Biol.Med.* 53:161-163, 1980

Sommer FG, **Gonzalez R**, Taylor KJW: Prenatal ultrasonographic diagnosis of fetal cystic hygroma. *Journal of the Interamerican College of Radiology*, July 198

Case studies:

Gonzalez R, Rosenfield AT: Traumatic Urinoma (Case Study). In Taylor KJW, Viscomi GN: "Emergency Room Ultrasound", *Clinics of Diagnostic Ultrasound*, April 1981

Gonzalez R, Rosenfield AT: Iatrogenic Hepatic Hematoma (Case Study) (In) Taylor KJW, Viscomi GN: "Emergency Room Ultrasound", *Clinics of Diagnostic Ultrasound*, April 1981

Chapters:

Gonzalez R, Rosenfield AT: Ultrasound in Abdominal Trauma: (In) Taylor KJW, Viscomi GN: "Emergency Room Ultrasound", *Clinics of Diagnostic Ultrasound*, April, 1981

Gonzalez R, Richman AH, Taylor KJW, Rosenfield AT: Urinary Tract ultrasonography. Finberg H, Edit. *Clinics Of Diagnostic Ultrasound*,9:29-30,Churchill Livingstone, New York,1981

Gonzalez R, Siskind BN, Burrell MI: The radiographic evaluation of intestinal obstruction. Fielding P. And Welch J, editors. *Intestinal obstruction, Clinical Surgery – International*, Churchill Livingstone, New York,1987.