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Associate Dean, (2004-2011)

Curriculum. Responsible for all curricular issues, including assisting departments/programs in preparing/submitting for review and implementing changes in courses, majors and minors offered. Serve as an ex-officio member of the College Curriculum Committee. Specific accomplishments include:

- o New *Minors* in:

- Sexuality and Gender Identity Studies

- Biochemistry

- Global Studies

- Linguistics

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5. National Science Foundation-EPSCoR (1986-1991). Analytical Studies of Imploding Plasma Atom Cells. \$147,261.
 6. University Institutional Grant (1991-1992). ICP and MIP Re-excitation of Plasma Gun Sampled Vapor: Segregated Sampling and Excitation Approaches Towards Direct Solid Sampling Spectrochemical Analysis. \$5,000.
 7. DOE/Argonne National Laboratory Contract (1995). The Spectroscopic Evaluation of Off-Gases Emitted from Organic Solvents Introduced into an Argon Inductively Coupled Plasma. \$5,000.
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A. Undergraduate Courses

1. CHEM 019 (Math Review for General Chemistry).
2. CHEM 020 (Chemical Principles and Contemporary Applications)
3. CHEM 023/025 (Outline of General Chemistry) - *online*
4. CHEM 031/032 (Introductory Chemistry).
5. CHEM 035/036/037/038 (General Chemistry) - for Chem Majors.
6. CHEM 121 (Quantitative Analysis).
7. CHEM 201/202 (Advanced Chemistry Laboratory).
8. HON 195 (Pathological Science: How Do We Know What We Know?) CAS Junior Honors Seminar.
9. HCOL 195 (Pathological Science: How Do We Know What We Know?) Honors College Sophomore Seminar.

B. Graduate Courses

1. CHEM 221 (Instrumental Analysis).
2. CHEM 226 (Analytical Spectroscopy).

C. Undergraduate advising: Currently 30 students.

A. Committee Assignv1o6(.)TJrv1o6(.)TJrs9120.26 362.11 86.28255]TJf1 A 257.57 Tm6(.)TJrv1o6BT/

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-Committee (2007-2009)

Co-Chair: 2007-2009

- e. SEM First-Year Experience (FYE) Task Force (2009-2010)
- f. *FYE Advisory Board (2010-present)*
Co-Chair: 2010-present
- g. *S-Cubed Working Group (2009-present)*
- h. Information Technology Planning Committee (2004-2006)
- i. Search Committee: Chief Information Officer (CIO) (2005)
- j. Search Committee: Director, Center for Teaching and Learning (2006)
- k. Search Committee: CAS Assistant Dean for Administration (2006)
- l. *College of Arts and Sciences Curriculum Committee (2004-present)*
- m. College of Arts and Sciences ByLaws Revision Committee (2006-2008)
- n. *Associate Deans Group (2005-present)*
Coordinator: 2007-present
- o. *Continuing Education Advisory Board (2008)*

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17. Member, Board of Directors, Shelburne Children's Center, Shelburne, VT (1997-1998).
 18. Assistant Program Chair (Atomic Spectroscopy), FACSS (Federation of Analytical Chemistry and Spectroscopy Societies) XXIV (1996-1997).
 19. Local Section Affairs Committee, Society for Applied Spectroscopy (2003-2004)
 20. United Way CAS (2004, 2005, 2006, 2007, 2008)
 21. *Treasurer Temple Sinai, South Burlington, VT (2010 present)*

_____ 72 since 1980

_____ 37 since 1986

_____ (peer-reviewed, except where noted)

1. W.H. Fuchsman, J.M. Goldberg, D. Levy, and Q.R. Smith, "Raman Spectroscopic Evidence of Porphyrin-Phenyl Resonance Interactions in Tetraphenyl Porphin, Tetraphenyl Porphin Dication, and Copper (II) Tetraphenyl Porphin", *Bioinorganic Chemistry*, , 461 (1978).
2. R.D. Sacks, J.M. Goldberg, R.J. Collins, and S.Y. Suh, "Exploding Conductors as Atomization Cells and Excitation Sources for Atomic Spectroscopy", *Progress in Analytical Atomic Spectroscopy*

