

ROBERT S. FRIEDMAN, PhD
MONTCLAIR STATE UNIVERSITY
DEAN, COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

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1 Normal Avenue
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EDUCATION

Ph.D., American Literature, City University of New York Graduate Center, 1993. Dissertation: Hawthorne's Geometry: Ritual Theory and Spatial Form. Ann Arbor: UMI, 1994: AAT 9405528.

Thesis Adviser: Neal Tolchin (American Studies, Hunter College); Readers: William Kelly (American Studies, Queens College, CUNY), Glenn Petersen (Anthropology, Baruch College; currently Chair of the Department of Sociology and Anthropology), David Reynolds (Distinguished Professor of American Studies, CUNY Graduate School).

M.S., Information Systems New Jersey Institute of Technology, 2002. Thesis: "Intramural, Collaborative Learning Systems." Thesis Adviser: Fadi P. Deek (Information Systems); Readers: James A.M. McHugh (Computer Science), Qianhong Liu (Computer Science).

M.F.A., Fiction, Brooklyn College, City University of New York, 1987. Thesis: "Cookies and Candles, and Other Stories." Thesis Adviser: Peter Speilberg; Reader: Jonathan Baumbach.

B.A., English/Financial Journalism, CUNY Baccalaureate Program, 1984. Adviser: Roslyn Bernstein (English, Baruch College).

ACADEMIC APPOINTMENTS

MONTCLAIR STATE UNIVERSITY, MONTCLAIR, NJ

Currently: Dean, College of Humanities and Social Sciences (207 tenure-track and one-year faculty; 25 instructional and clinical specialists; 54 staff. 4286 students in 20 majors, 40 minors and 20 graduate programs.)

UNIVERSITY OF WASHINGTON TACOMA, WA

2013-2015: Professor and Director, Institute of Technology (17 tenure-track faculty; 13 full-time instructors; five degree programs with 700 student FTE; two minors). Joint Appointment: Professor, Interdisciplinary Arts and Sciences.

2011-2013: Associate Professor and Director, Institute of Technology (11 tenure-track faculty; 5 full-time instructors; four degree programs with 340 student FTE; two minors). Joint Appointment: Associate Professor, Interdisciplinary Arts and Sciences.

NEW JERSEY INSTITUTE OF TECHNOLOGY, NEWARK, NJ

2010-2011: Chair, Department of Humanities (12 tenure-track faculty; 15 full-time instructors; three degree programs with 110 majors; five minors). Director of the B.S. in, Science, Technology and Society Program; Joint Appointment, Information Technology Program; Chair, University Curriculum Review Committee.

2009-2010 Associate Dean for Liberal Arts (Environmental Policy Studies, History and Humanities), College of Science and Liberal Arts, Associate Professor, Humanities Department; Director, Science, Technology and Society Program; Joint Appointment, Information Technology Program.

2007-2009 Associate Professor, Humanities Department; Director, Science, Technology and Society Program; Joint Appointment, Information Technology Program.

2004-2007 Associate Professor and Associate Chair, Humanities Department; Joint Appointment, Information Technology Program.

Spring 2004 Acting Associate Dean, College of Computing Sciences; Research Professor, Information Technology Program.

2002-2003 Director of Undergraduate Programs (B.A. and B.S. in Computer Science; B.A. and B.S. in Information Systems; B.S. in Information Technology), College of Computing Sciences.

2001-2002 Research Professor, Information Technology Program and NJ I-TOWER Grant Investigator and Manager, College of Computing Sciences and Department of Computer and Electrical Engineering.
2000 Coordinator for Distance Learning and Extension Site Programs, Computer and Information Science Department.
1999 Assistant Professor, Department of English, New York Institute of Technology, Manhattan campus.
1993-1999 Graduate Programs Administrator and Special Lecturer, Department of Humanities and Social Sciences.

OTHER ACADEMIC EMPLOYMENT

1991-1993 Adjunct instruction in English:
Stern College for Women and Yeshiva University, New York, NY
Baruch College, CUNY, New York, NY
The New School for Social Research, New York, NY
Long Island University, Brooklyn Campus, Brooklyn, NY

RESEARCH INTERESTS

19th Century American social, cultural and historical inquiry; information technologies and socio-technical systems.

RECENT FUNDED INTERDISCIPLINARY RESEARCH

(PI) NSF award [SES-0968445](#): OKES - Open Knowledge Exchange System. (12-month duration) The application of socio-technical systems theory to pre-publication academic knowledge exchange. Co-PIs: Michael Brownstein, NJIT; Norbert Elliot, NJIT; Brian Whitworth, Massey University, Albany, Auckland, New Zealand.
(Co-PI) NSF award [HRD-1008549](#): More than the Sum of Its Parts: Advancing Women at NJIT through Collaborative Research Networks. The development of career advancement tools as novel approaches to faculty mentoring (12-month duration) PI: Nancy Steffen-Fluhr; Co-PIs: Katia Passerini, NJIT; Brook Wu, NJIT.
(Co-PI) NSF award [DGE-0638423](#): Computation and Communication: Promoting Research Integration in Science and Mathematics (C²PRISM). Infusing doctoral, computational research in STEM disciplines into high school curricula. (60-month duration) PI: Bruce Bukiet; Co-PIs: Fadi P. Deek and David Lubliner.

CURRENT INTERDISCIPLINARY SCHOLARLY RESEARCH

Book: *Intervals of Inspiration: Measurement, Metaphor and 19th-Century America*. A study of the confluence of science, technology, and environmental expression in texts by Thomas Jefferson, Edgar Allan Poe, Henry David Thoreau, Charles Sanders Peirce, and Henry Adams.

UW TACOMA COURSES DEVELOPED

- Metaphors of Measurement in 19th Century America, 2014
- Scientific Literacy: From Fact to Fiction, 2013
- Nature, Technology and Our Digital Evolution, 2012

NJIT COURSES DEVELOPED

- STS 100 Social Science and CSLA Research, 2010
- STS 101 Foundations of Science, Technology and Society, 2007
- STS 318 Educational Media Design, 2009
- IT 380 Educational Software Design and Development, Spring 2002
- IT 485 Electronic Beowulf, Designed for an E-Learning Environment, Spring 2002
- IT 485 Video Production, Fall 2002
- IT 485 Digital Music and Secondary Education, Fall 2002
- IT 201 Information Design Techniques, Spring 2003

NJIT MULTIMEDIA DEVELOPED

- Produced and directed courseware for ENG 620: Proposal Writing, E-Learning

- Produced “City Mapping,” courseware for IT 485, Educational Software Design and Development
- Produced “City Physics,” courseware for IT 485, Educational Software Design and Development
- Produced “Negro Leagues 101,” courseware and museum exhibit for IT 485, Educational Software Design and Development
- Produced courseware for IT 485, Electronic Beowulf
- Authored and produced multimedia video lecture for LIT 331: World Literature, E-Learning
- Living Literature: An Online Introduction to Literature Prototype
- Produced and edited multimedia Proceedings CD of The Commercialization of Microsystems 2000 Conference, Santa Fe, New Mexico, Sept. 5-9, 2000

SCHOLARLY ACTIVITIES

Journal Articles, Peer-Reviewed (* indicates graduate student, ** indicates undergraduate student)

1. R. Collins*, A. Deek**, R. Friedman (2013). “Open Knowledge Exchange: The Users’ Perspective.” *The International Journal of Technology, Knowledge and Society*, 8 (3), 69-80.
2. R. Friedman, B. Whitworth, M. Brownstein (2010). “Realizing the Power of Extelligence.” *The International Journal of Technology, Knowledge and Society*, 6 (2), 105-118.
3. R. Friedman, N. Elliot, and B. Haggerty (2010). “E-Learning in Undergraduate Humanities Classes: Unpacking the Variables.” *International Journal on E-Learning*, 9 (1), 51-77.
4. B. Whitworth, R. Friedman (2009). “Reinventing academic publishing online. Part II: A Socio-technical vision.” *First Monday*, 14 (9).
5. B. Whitworth, R. Friedman (2009). “Reinventing Academic Publishing Online. Part I: Rigor, Relevance and Practice.” *First Monday*, 14 (8).
6. R. Friedman and L. Prusak, (2008). “On Heuristics, Narrative and Knowledge Management.” *Technovation*, 28, 812-817.
7. B. Whitworth and R. Friedman, (2008). “The Challenge of Modern Academic Knowledge Exchange.” *ACM SIGITE Newsletter*, 5 (2), 4-10.
8. R. Friedman and A. Saponara**, (2008). “The Design, Implementation, and Effectiveness of Educational Software: Developing Technology and Geography Skills through Participatory Design.” *Journal of Interactive Learning Research* 19 (2), 271-292.
9. R. Friedman and J. Drakes, (2006). “On the Ball Field with the Negro Leagues: Software Development for a Local Museum,” *Journal of Computers in Education*, 16 (1), 21-40.
10. R. Friedman and F. P. Deek, (2003). “Innovation and Education in the Digital Age: Reconciling the Roles of Pedagogy, Technology and the Business of Learning,” *IEEE Transactions on Engineering Management*, 50 (4), 403-412.
11. R. Friedman and F.P. Deek (2003). “Problem-Based Learning and Problem-Solving Tools: Synthesis and Direction for Distributed Education Environments,” *Journal of Interactive Learning Research*. 13 (3), 237-255.
12. R. Friedman, J. Drakes and F.P. Deek (2002). “The Design and Implementation of Mapping Software: Developing Technology and Geography Skills in Two Different Learning Communities,” *Information Technology in Childhood Education Annual*, 269-286.
13. F.P. Deek and R. Friedman (2001). “Computing and Composition: Common Skills, Common Process,” *ISTE Journal of Computer Science Education*, 15 (2), 8-14.
14. R. Friedman, F.P. Deek and M.A. Deek (2000). “Bridging Technology and Pedagogy: Interdisciplinary Computing and Composition,” *WebNet Journal* 2 (1), 60-67.
15. F.P. Deek, R. Friedman, and M.A. Deek (1999). “The Virtual Classroom Experience: Viewpoints from Computing and Humanities,” *Interactive Learning Environments*, 7 (2-3), 113-136.

Books

1. *Toward a Literary Ecology of Place: Studies in American Literature*, Lanham, MD: Scarecrow Press. Co-edited with Karen E. Waldron, 2013.

2. *Principal Concepts of Technology and Innovation Management: Critical Research Models*. Hershey, PA: Idea Group International. Desiree Roberts and Jonathan Linton, co-authors, 2008.
3. *Hawthorne's Romances: Social Drama and the Metaphor of Geometry*. London: Harwood Academic Press, 2000.

Monograph

1. *Collaborative Learning Systems: A Case Study*. Saarbruecken, Germany: VDM Verlag Dr. Mueller, 2008.

Book Chapters

1. "Metaphors of Measurement: Indirection and the Sublime," in *Toward a Literary Ecology of Place: Studies in American Literature*, eds. Karen E. Waldron and Rob Friedman, Lanham, MD: Scarecrow Press, 2013.
2. "Surveying of the Empirical Sublime: Thoreau, Literary and Scientific," in *Restoring the Mystery of the Rainbow: Literature's Refraction of Science*, eds. Valeria Tinkler-Villani and C.C. Barfoot, Rodopi Publishing, 2010, vol II, pp. 743-760.
3. R. Friedman, F.P. Deek and N. Elliot, "Validation of E-Learning Courses in Information Sciences and Humanities: A Matter of Context," in *E-Learning and Advanced Assessment Technologies: Evidence-Based Approaches*, Christine Spratt and Paul Lajbcygier, eds. Hershey, PA: IGI Global, 2009, pp. 157-176.
4. "Harvey Shapiro," *The Facts On File Companion to 20th-Century American Poetry*, 2005, p. 456.
5. F.P. Deek and R. Friedman, "Analogies in Computing and Composition," *Issues in Higher Education*, R. Nata (Ed.), Nova Science Publishing, 2005, pp. 15-34.
6. "Ishmael Reed," *Dictionary of Literary Biography*, 5/e, (vol. 169), Detroit: Gale Research, 1996, pp. 224-234.
7. "Harvey Shapiro," *Contemporary Jewish-American Dramatists and Poets*, Greenwood Press, 1999, pp. 549-553.

Conference Presentations and Proceedings (underlining indicates primary author)

1. "A Longitudinal Examination of SIGITE Conference Submission Data, 2007-2012," Proceedings of the 14th Annual Conference on IT Education, Atlanta, GA, October 16-18, 2014, with Randy Connolly and Janet Davis.
2. "Academic and Research Cooperation between University of Washington Tacoma and Brazilian Universities," PSW-ASEE Section Meeting, Los Angeles, CA, April 18-20, 2013, with Fab ricio Braga Soares de Carvalho and Orlando Rocha Baiocchi.
3. "Designing a Masters Program in Cybersecurity and Leadership," Proceedings of the 12th Annual Conference on IT Education, Calgary, Alberta, October 11-13, 2012, with Bryan Goda.
4. "Defining IT Research," Proceedings of the 1st Annual Conference on Research in IT," Calgary, Alberta, October 11-13, 2012, moderator. With Mark Stockman, Han Reichgelt, William Agresti and Joseph Ekstrom.
5. "Fair and Democratic Open Knowledge Exchange Systems," 8th Annual Conference on Technology, Knowledge and Society," Los Angeles, CA, January 16-18, 2012, with Regina Collins* and Andrew Deek**.
6. "Hawthorne as Literary Ecologist," Northeast Modern Language Association, Montreal, Canada, April 7-11, 2010.
7. "Realizing the Power of Extelligence: A New Business Model for Academic Publishing," International Conference on Technology, Knowledge and Society, Berlin, Germany, January 15-17, 2010, with Brian Whitworth and Michael Brownstein.
8. "C2PRISM: A Transformative Role for Assessment," E-Learn World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Vancouver, British Columbia, October 26-30, 2009, with Norbert Elliot, Fadi P. Deek, Robert Fellman and Bruce Bukiet.
9. "Surveying the Empirical Sublime," New Jersey College English Association Conference, South Orange, NJ, March 21, 2009.
10. "Quantification and Desire: The Tension of Sublimity in America," Northeast Modern Language Association, Boston, MA, February 26-March 1, 2009.
11. "Full Access and Review: Applying Socio-technical Practice to Academia," Proceedings of the ACM SIGITE Annual Conference, Cincinnati, Ohio, October 17-19, 2008, 231-236, with Brian Whitworth.

12. "Intervals of Inspiration: 19th-Century Sublime Science," NEW-CUE: Fifth Environmental Writer's Conference in honor of Rachel Carson, Boothbay Harbor, ME, June 10-13, 2008.
13. "Computation and Communication," Society for Information Technology and Teacher Education Conference, Las Vegas, NV, March 3-7, 2008, with Fadi P. Deek and Bruce Bukiet.
14. "Intervals of Inspiration: Measurement, Metaphor and 19th-Century America," Canadian Association for American Studies Conference, Montreal, Canada, November 8-11, 2007.
15. "Eureka and the Metaphoric Sublime," Popular Culture Association/American Culture Association National Conference, Boston, MA, April 4-7, 2007.
16. "Thoreau's Surveying of the Empirical Sublime," 2006 NEW-CUE: Fourth Environmental Writer's Conference and Workshop in honor of Rachel Carson, featuring the Work of Henry David Thoreau, Boothbay Harbor, ME, June 13-16, 2006.
17. "E-Learning and the Humanities: Negating the Empirical," World 57th Annual Conference on College Composition and Communication in Chicago, March 22-25, 2006.
18. "Metaphors of Triangulation: Reconsidering Marx's Middle Landscape," Sightlines: The Culture and Science of Vision. Conference of the New England American Studies Association, the American Antiquarian Society & Worcester Polytechnic Institute, Worcester, MA, September 23-24, 2005.
19. "Irony and Asynchronicity: Interpreting Withdrawal Rates in E-Learning Courses," Proceedings of EdMedia 2005 - World Conference on Educational Multimedia, Hypermedia & Telecommunications, Montreal, Canada, June 27-July 2, 2005, pp. 459-465, with Norbert Elliot and Kamal Joshi.
20. "Software Development for Informal Learning Environments: Where IT Education, Community Outreach, Baseball and History Intersect." Proceedings of the ACM SIGITE Annual Conference, Salt Lake City, UT, October 28-30, 2004, with Marc Sequeira.
21. "On the Ball Field with the Negro Leagues: Software Development for a Local Museum." Proceedings of the American Society for Engineering Education Annual Conference, Salt Lake City, UT, June 20-23, 2004, with Jerri Drakes.
22. "On the Development of an Information Technology Education, Industry, University Partnership." Proceedings of the College Teaching and Learning Conference, Lake Buena Vista, FL, January 5-9, 2004, with F.P. Deek and Paul Ranky.
23. "NJIT's Sandbox: An Industry/Education Partnership for IT Development." Proceedings of the Conference on Information Technology Curriculum 4, Purdue University, West Lafayette, IN, October 16-19, 2003, with Fadi P. Deek and James McHugh.
24. "Active Research Experience for ECE Undergraduates Increases Students' Motivation and Academic Performance," with F.P. Deek, V. Briller, K. Joshi and D. Misra. American Society for Engineering Education Annual Conference, Nashville, TN, June 22-25, 2003.
25. "Problem-Based Learning and Problem-Solving Tools: Synthesis and Direction For Distributed Education Environments," with F.P. Deek. Frontiers in Education 2002, Boston, MA, November 6-9, 2002.
26. "Problem-Based Learning in IT Education: Potential and Pitfalls," with F.P. Deek. Conference on Information Technology Education III, Rochester, NY, September 19-21, 2002.
27. "Participatory Design, Problem Solving and Community Involvement in Two Different Learning Communities," with J. Drakes and F.P. Deek. ED-MEDIA 2002 - World Conference on Educational Multimedia, Hypermedia & Telecommunications, Denver CO, June 24-29, 2002, pp. 538-543.
28. "Computing and Composition as an Integrated Subject in the Secondary School Curriculum," with H. Kimmel and F.P. Deek. 2002 ASEE Annual Conference, Montreal, Quebec, Canada, June 16-19, 2002.
29. "Interactive 3D Multimedia Cases for the Computer Systems and Networking Curriculum," with P. G. Ranky, F. P. Deek. American Society for Engineering Education Spring Conference, United States Military Academy, West Point, NY, April 5-6, 2002.
30. "On the Development of Common Skills for the Integration of Programming and Writing Tasks," Computers and Writing 2000, Texas Women's University, Fort Worth, TX, May 25-28, 2000.
31. "The NJIT Interdisciplinary Writing Center: Meeting Our Needs or Perceptions?" Spring ASEE Middle Atlantic Section Conference, The College of New Jersey, Ewing, NJ, April 25, 1998.
32. "NJIT's Freshman Pairing: The Seven Year Itch," University of South Carolina College of Engineering Professional Communication Center Workshop, University of South Carolina, Columbia, SC, July 20-22, 1998.

33. "Interdisciplinarity, Genre, and Engineering Education," Workshop on Engineering Writing and Professional Communication Centers, Vol. 1. University of South Carolina, Columbia, SC, June 23-25, 1997.

Professional and Invited Presentations

1. "Collaborative Process to Create Simulations Demonstrating Mathematics and Science Concepts," Society for College Science Teachers, Baltimore, MD. November 13, 2010. With Bruce Bukiet, Sita Damaraju* and Jenn Zalk*.
2. "Promoting Hands-On Learning Using Probe-ware," American Association for the Advancement of Science, San Diego, CA. February 18-22, 2010. With Bruce Bukiet and Robert Fellman.
3. "Professional Development Program: Support for Teachers," NSF Annual GK-12 Program Conference, Washington, DC, March 29, 2009.
4. "Web Design for Grant Projects," NSF Annual GK-12 Program Conference, Washington, DC, March 1, 2008.
5. "IT: The Next Gen Ed?": NJ DOE Tech-Prep Program Meeting, Brookdale Community College, Lincroft, NJ, July 21, 2005.
6. "STEM Subject Articulations: NSF's MAITT Program." Brookdale Community College, Lincroft, NJ, December 9, 2004.
7. "Local Knowledge/Global IT: Programs for Career Preparation," NJ DOE Tech-Prep Program Meeting, Brookdale Community College, Lincroft, NJ, November 9, 2004.
8. "Civic Engagement and Student Responsibility," NJIT Non-Profit Roundtable and Expo, New Jersey Institute of Technology, Newark, NJ, October 2, 2001.
9. "Information Technology Program: An Example of Total University Collaboration," Tenth Annual New Jersey Advisors Conference, Raritan Valley Community College, North Branch, NJ, May 30, 2001.
10. "Multimedia Tools in Distant Learning Environments," New Jersey Virtual University at William Patterson University, Wayne, NJ, May 24, 2000.
11. "Computer Aided Instruction in an MPH Program," Joint MPH Curriculum Committee Planning Meeting, NJIT, Newark, NJ, October 15, 1998.
12. "Writing Center Development at NJIT," Gateway Writing Workshop, Columbia, SC, University of South Carolina, May 22-24, 1996.

Review Articles

1. Review of Branch, et al., eds., "Reading the Earth: New Directions in the Study of Literature and the Environment," University of Iowa Press, 1998; Coppola and Karis, eds., "Technical Communication, Deliberative Rhetoric, and Environmental Discourse: Connections and Directions." Ablex, 2000; Harre, Brockmeier and Mulhauser, "Greenspeak: A Study of Environmental Discourse," Sage, 1999; Herndl and Brown, eds., "Green Culture: Environmental Rhetoric in Contemporary America," University of Wisconsin Press, 1996; in *Environmental Ethics*, 2001, 23 (2), 207-210.
2. Review of Keating, Anne, with Joseph Hargitai, "The Wired Professor: A Guide to Incorporating the World Wide Web in College Instruction." New York and London: New York University Press, 1999. Available online: <http://rccs.usfca.edu/booklist.asp> October 2000.
3. Review of Chawla, Louise. "In the First Country of Places." Albany: SUNY Press, 1994, in *Journal of Environmental History*, 19, (summer) 1995, 105-106.

Invited Articles

1. Spotlight on SIGITE, *ACM Inroads* 6(2), 2015, 14-15.
2. Spotlight on SIGITE, *ACM Inroads* 6(1), 2015, 19-20.
3. Spotlight on SIGITE, *ACM Inroads* 5(4), 2014, 19.
4. Spotlight on SIGITE, *ACM Inroads* 5(3), 2014, 11.
5. Spotlight on SIGITE, *ACM Inroads* 5(2), 2014, 13.
6. Spotlight on SIGITE, *ACM Inroads* 5(1), 2014, 14-15.

7. Guest Co-Editor, with Han Reichgelt, *ACM Inroads* 4(4), December 2013. Focused special section on Information Technology Industry-Academic Relationships.
8. Section editorial, *ACM Inroads* 4(4), 2013, 34-35.
9. Spotlight on SIGITE, *ACM Inroads* 4(4), 2013, 90-91.
10. Spotlight on SIGITE, *ACM Inroads* 4(3), 2013, 89.
11. Spotlight on SIGITE, *ACM Inroads* 4(2), 2013, 78-79.
12. Spotlight on SIGITE, *ACM Inroads* 4(1), 2013, 83.

Federal, State, Foundation and Corporate Research, Contract and Gift Expenditures

1. Principal Author, State of Washington, Augmenting STEM Degrees at University of Washington Tacoma (\$684,000).
2. Principal Investigator, Math Science Leadership Program. Washington STEM.org (\$214,500).
3. Co-Principal Investigator, More than the Sum of Its Parts: Advancing Women at NJIT through Collaborative Research Networks. National Science Foundation. PI: Nancy Steffen-Fluhr; Co-PIs: Katia Passerini and Brook Wu. 2010-2011 Award 1008549 (\$238,824)
4. Principal Investigator, OKES: An Open Knowledge Exchange System to Promote Meta-Disciplinary Collaboration Based on Socio-Technical Principles. National Science Foundation. Co-PIs, Michael Brownstein, Norbert Elliot, and Brian Whitworth. 2010-2011, (\$249,168).
5. Principal Investigator (2008-2010) and Co-PI (2007, 2010-2012), C2PRISM: Computation and Communication: Promoting Research Integration in Science and Math. NSF Graduate Teaching Fellows in K-12 Education. National Science Foundation GK-12 Program. Co-PIs, Fadi P. Deek, Bruce Bukiet and David Lubliner. 2007-2012 Award 0638423 (\$2,999,465).
6. Co-Principal Investigator, Encouraging High School Students to Pursue Degrees in Math and Science: Focus on Skills and Careers, Roche Foundation, PI: Bruce Bukiet, Co-PIs: Fadi P. Deek, James Lipuma. 2009-2010 (\$10,000).
7. Co-Principal Investigator, Expansion of Professional Development Workshop, Roche Foundation, PI: Bruce Bukiet, Co-PIs: Fadi P. Deek, Fadi P. and James Lipuma. 2009-2010 (\$10,000).
8. Principal Investigator, Professional Development Workshop Employing Digital Learning Tools in Your Classroom: Using Probes, Sensors and Computer Learning Modules to Enhance Understanding of High School Mathematics and Science, Roche Foundation. Co-PIs: Bruce Bukiet, Bruce Fadi P. Deek, James Lipuma and Eric Blitz, Eric 2009-2010 (\$9,800).
9. Principal Investigator Mobile Science Teaching Lab, Hyde and Watson Foundation Co-PIs: Bruce Bukiet and Fadi P. Deek Bruce G. (Co-Principal), Friedman, Robert S. (Principal), Deek, Fadi P. (Co-Principal), Sponsored by, Private, \$15,000.00, Date Submitted: February 2009. (July 2009 - June 2010).
10. Principal Investigator, Pearson Education Interactive Reading Skills Game, 2007-2008 (\$26,868).
11. Director, Malcolm S. Morse Assistantship in Educational Software Design, 2009 (\$5,000).
12. Director, Malcolm S. Morse Assistantship in Music Education, 2008 (\$5,000).
13. Director, Malcolm S. Morse Assistantship in Music Education, 2007 (\$5,000).
14. Director, Malcolm S. Morse Assistantship in Music Education, 2005 (\$5,000).
15. Director, Malcolm S. Morse Assistantship in Educational Software Design, 2004 (\$5,000).
16. Director, Malcolm S. Morse Scholarship in Humanities and Technology, 2004 to 2011 (\$100,000).
17. Principal Investigator and Project Director, Educational Software Development, Yogi Berra Museum and Learning Center, 2003-2004 (\$20,000).
18. Investigator, Tech-Prep Degree Program, New Jersey Department of Education, 2003-2006 (\$229,060). PI: Michael Quasaunee.
19. Co-Principal Investigator, Computer Science and Information Technology Education Initiative, The Martinson Foundation, 2003-2006 (\$150,000). Co-PI: Fadi P. Deek.
20. Manager and Investigator, NJ I-TOWER: NJ High Tech Workforce Grant, State of New Jersey Commission on Higher Education, 2000-2002 (\$2,500,000). PI: Fadi P. Deek.
21. Co-Principal Investigator, Undergraduate Research in Information Technology: An Honors Experience Model, Lucent Foundation, 2001 (\$100,000). Co-PI: Fadi P. Deek.

22. Co-Director, Computing and Composition in Newark Public Schools, Lucent Foundation, 2000-2001 (\$125,000). PI: Fadi P. Deek
23. Project Director: Educational Testing Service's Beta Testing of GRE Pilot Products at NJIT 1997-1999 (\$2,000).
24. Investigator, NSF/Gateway Coalition, Institutionalization of Engineering Writing Center, 1997-1998 (\$11, 340). PI: Eli Fromm
25. Investigator, NSF/Gateway Coalition, Engineering Writing Center Development, (\$12,500) 1996-1997. PI: Eli Fromm

SERVICE ACTIVITIES

UWT Administrative Leadership and University Committees

- Chair, search committee, Education Director, 2014
- Chair, search committee, Urban Studies Director, 2013
- Search committee member, KeyBank Professional Development Center, 2012
- Selection committee member, Landolt Graduate Mentor Award, 2012

NJIT Administrative Leadership and University Committees

- Chair, Department of Humanities, 2010-2011
- Chair, Composition Director Search Committee, 2010-2011
- Acting Chair, Department of Humanities, Summer 2010
- Chair, University Undergraduate Curriculum Review Committee, 2010-2011
- Chair, Middle States Accreditation subcommittee on curriculum, 2009-2011
- Chair, STS Faculty Search Committee, 2008-2009
- Director, Distributed Faculty of Social Sciences, 2007
- Green Academic Council, 2007-2011
- Associate Chair, Department of Humanities, 2004-2007
- University Committee on Teaching, Learning and Technology (TLT), 2006-2011
- TLT Sub-committee on DL Fee Distribution, 2007 and 2008
- Information Technology Program Executive Committee, 2006-2008
- NJIT Excellence in Teaching Awards, Humanities Department, Chair, 2006 and 2007
- University Committee on Information Technology Education, 2005
- Information Technology Curriculum Committee 2001 to 2005
- College of Computing Sciences Executive Committee, 2002 to 2004
- Undergraduate Curriculum Review Committee 2001 to 2007
- Director, University Multimedia/Internet Research Laboratory, 2002 to 2003
- Director of Graduate Programs, Humanities and Social Sciences Department, 1998-1999
- Assistant to the Director, MS in Professional & Technical Communication 1997 to 1998
- Assistant to the Director of the MS in Environmental Policy Studies Program, 1997 to 1998
- Assistant to the Chair's Office, Dept. of Humanities and Social Sciences, 1997 to 1999

Professional and Consulting Service

- School of Applied Technology Programs External Review, Illinois Institute of Technology, 2014
- Science and Technology Studies Program External Review, Farmingdale State College, 2010
- Information Technology Program External Review, Indiana State University, 2010
- Information Technology Program External Review, Brookdale CC, NJ, 2009
- English/Humanities Department External Review, Farmingdale State College, 2009
- Information Technology Program External Review, U-Mass Boston, 2008
- Information Technology Program External Review, USNA, 2006

- MS Information Technology Program External Review, RIT, 2005
- Promotion review, English/Humanities Department, Farmingdale State College, 2009
- Promotion & Tenure review, Information Technology Dept., Brigham Young University, 2006
- CAC/ABET Program Evaluator, 2004, 2006, 2008 and 2010; Invited 2005, 2007 and 2011
- CAC/ABET Team Chair and Commissioner, 2012—2014
- ACM: NJIT Student Chapter Faculty Advisor, 2002 to 2004
- ACM/SIGITE Chair, 2012-2015
- ACM/SIGITE Accreditation Committee, 2001 to 2005
- ACM/SIGITE Executive Committee, 2005-2012

Publication and Conference Service

- ACM *Inroads* Magazine, Associate Editor, 2014
- ACM *Transactions on Computing Education*, Associate Editor, 2009-2012
- ACM/SIGITE Conference Sponsorship Chair, 2012
- ACM/SIGITE Technical Paper Co-Chair, 2010, 2013
- ACM/SIGITE Conference General Chair, 2005
- ACM/SIGITE *Research in Information Technology*, Editor-in-Chief, 2003-2011
- ACM/JETT Conference Chair, NJIT Conference on Computing Sciences Education, 2003
- IEEE Computer Society: Certified SW Developer Professional Exam Review Workshop, 2002
- ACM: National K-12 Computer Science Curriculum Committee Workshop on Java Education Teacher Training, 2002
- Pre-publication reviewer for *Technovation*, 2009
- Pre-publication reviewer for *IEEE Transactions on Engineering Management*, 2001
- Conference paper reviewer for Conference on Information Technology Curricula, 2002, 2003
- Conference paper reviewer for ACM SIGITE Conference on Information Technology Education, 2004, 2005 and 2009
- Conference paper reviewer for Frontiers in Education Conference, 2003

Thesis and Project Advisement

- Reader for Kuo-chuan Huang, PhD-Computer Science, “Piecewise Synonyms for Enhanced UMLS Source Terminology Integration,” Thesis Director, Dr. James Geller, 2010
- Reader for Shih-Yun (Sherry) Kuo, PhD-Environmental Science, “Public Understanding of Climate Science and Domestic Policymaking: A Case Study of Taiwan,” Thesis Director, Dr. Maurie Cohen, 2010
- Advisor for Atira George, BS-Science, Technology and Society, “Constructivism in Urban Curriculum: Seeking Relevancy in Education,” Spring, 2010
- Advisor for Mamaille Maina, BS-Science, Technology and Society, “Stakeholder Relationships and Student Academic Performance,” Spring, 2010
- Advisor for Brittney Walsh, BS-Science, Technology and Society, “Stem Cell Research: The Possibility and Reality of Regenerative Medicine,” Spring 2010
- Advisor for Jay Trivedi, BS-Science, Technology and Society, “Blame it on Heavy Metal or Violent Video Games,” Spring, 2010
- Advisor for Michael Homere, BS-Science, Technology and Society, “Nike: The Swoosh is Still on the Loose,” Spring, 2009
- Advisor for Jason Marcus, BS-Science, Technology and Society, “The Decline of the American Automobile: A Tucker Case Study,” Spring 2009
- Advisor for Denise Harvey, BS-Science, Technology and Society, “Case Study of Science Park High School,” Fall, 2008
- Advisor for Heather Amendolara, BS-Science, Technology and Society, “E-Learning Technologies,” Fall 2008.
- Advisor for Nishanth Thomas, BS-Science, Technology and Society, “Online Education,” 2008

- Reader for Kelly Schab, MS-Professional & Technical Communication (MS-PTC), "Blogs: Open Source Diaries," Fall 2004
- Advisor for Vishal Kubani, BS-Information Systems, The Honors College at Rutgers University-Newark, "Technology and Small Business: An Analysis of the Practices and Principles the Define Information Technology Management in Small Business," Spring 2002
- Advisor for Claire St. Louis, MS-PTC, "The Public Rhetoric of Privatization: The Value System of the Water and Wastewater Industry," Spring 2000
- Advisor for Jennifer Coffey, MS-Environmental Policy Studies (MS-EPS), "Community Action in the Hudson River PCB Controversy," Fall 2000
- Reader for Arleny Barrios, MS-PTC, "Critical Reading of Rhetorical Text: Rhetorical Analysis of Sunoco, Inc. CEO's Address to the World Fuels Conference," Spring 1999
- Reader for Scott Reiner, MS-EPS, "Due Diligence in Lending Policy," Fall 1998
- Advisor for Joseph Novemsky, MS-EPS, "Policy Conflicts in New Jersey Deer Population Control," Summer 1998
- Reader for Bahia Munem, MS-PTC, "Cross-Cultural Communication in Women's Healthcare," Spring 1998

PROFESSIONAL SOCIETIES

Association for Computing Machinery
 Association for Computing Machinery, SIG-Information Technology Education
 Northeast Modern Language Association

HONORS

Nomination, UW Tacoma Distinguished Staff Award, 2013
 Nomination, NJIT College of Science and Liberal Arts Research Award, 2009
 NJIT Student Senate Outstanding Advisor Award, 2009
 Nomination, NJIT University Excellence in Teaching Award, Directors/Special Lecturers, 1997
 Nomination, NJIT University Excellence in Teaching Award, Adjunct, 2003