JEREMY HAEFNER
CURRICULUM VITAE

LEADERSHIP AND FACULTY APPOINTMENTS

LEADERSHIP

Provost and Senior Vice President for Academic Affairs, *2008-present*
Rochester Institute of Technology

Associate Vice Chancellor for Research and Innovation, *2007-2008*
University of Colorado at Colorado Springs

Dean, College of Engineering and Applied Science, *2002-2008*
University of Colorado at Colorado Springs

Director, El Pomar Institute for Innovation and Commercialization, *2003-2008*
University of Colorado at Colorado Springs

Interim Director, Center for STEM Education, *2003-2007*
(previously named: Educational Outreach Center)
University of Colorado at Colorado Springs

Director, Teaching and Learning Center, *2000-2002*
University of Colorado at Colorado Springs

Senior Faculty Associate for Information Technology, *2000-2002*
University of Colorado at Colorado Springs

Senior Faculty Associate for Teaching and Learning, *2000-2002*
University of Colorado at Colorado Springs

Chair, Department of Mathematics, *1998-2001*
University of Colorado at Colorado Springs

Associate Director, Mathematics Learning Center, *1991-1995*
University of Colorado at Colorado Springs

FACULTY

Full Professor of Mathematics, *2008-present*
Rochester Institute of Technology

Assistant, Associate, and Full Professor of Mathematics, *1989-2008*
University of Colorado at Colorado Springs

Assistant Professor, *1986-1989*
University of Tennessee at Knoxville

FELLOWSHIP

Fellow, *2006-2007*
American Council on Education

Fellow, *2002-2003*
EDUCAUSE – National Learning Infrastructure Institute

Visiting Research Professor and Fellow, *1995-1996*
University of Murcia; Murcia, Spain

ACADEMIC LEADERSHIP EXPERIENCE

LEADERSHIP – CURRENT

PROVOST AND SENIOR VICE PRESIDENT FOR ACADEMIC AFFAIRS

Rochester Institute of Technology (RIT)
July 2008 to Present

Chief academic officer, overseeing RIT's academic colleges, as well as National Technical Institute for the Deaf, School of Individualized Studies, Golisano Institute for Sustainability, Graduate Studies, and three global campuses: RIT Dubai, RIT Croatia, and RIT Kosovo. Responsible for the development and implementation of the university's academic direction, advancing the academic mission and the continuous improvement of quality for the academic experience.

- 2017 Headcount: 1,081 full-time and 450 part-time faculty; 2,382 staff members; 18,963 students – 15,741 undergraduates and 3,222 graduate students; 21 direct reports
- Budget: $204M (Academic Affairs unit); $594M (RIT)
- Additional academic support units: Wallace Center, Honors Program, University Studies, General Education, Office of Summer Programing, University Advising, Office of International Education and Global Programs, University Writing Program, University Press, and Institute Assessment for Student Learning

Transformational Leadership
Initiating and executing key strategic priorities resulting in the increased recognition and advancement of the university

- Successfully led the campus towards Doctoral Research University – High Research status in partnership with President and faculty
- Formed West Coast Board of Advisors – successful Trustees and alumni in northern California/Silicon Valley – to advise and assist campus toward multi-faceted engagement with region
- Established the Innovative Learning Institute, including RIT Online and Teaching and Learning Services, resulting in a 27% growth in online enrollments (headcount), a 22% increase in generated student credit hours, and a 16% growth in faculty teaching online sections since 2013
- Joined the edX consortium of premier universities dedicated to providing access to high-quality, innovative education and resulting in high visibility efforts in game design history and two MicroMasters programs in technical project management and cybersecurity; over 300,000 learners enrolled
- Created the Institute for Health Science and Technology and the College of Health Science and Technology
- Steered the alliance between RIT and Rochester Regional Health (RRH) and led the development of the RIT-RRH strategic plan
- Collaborated with faculty and staff to lead campus transition from a quarter- to semester-based academic calendar; completed review of all academic programs and implemented new student information system
- Launched the partnership between Al Sigl Community of Agencies and RIT focused on innovative access technology development
- Created RIT K-12: The University Center for Engaging K-12, hosting over 1,000 K-12 campus visitors each year

- Championed culture of academic excellence through Trustee engagement and continual review of academic quality dashboard
- Co-chaired steering committee for RIT's 2015-2025 Strategic Plan, *Greatness Through Difference*

Cultivation and Fundraising

Personally growing relationships with RIT donor base, engaging alumni, friends and supporters in advancing the university's fundraising imperative

- Personal involvement in fundraising and development with alumni, community members, corporations and foundations, resulting in funds for faculty positions, scholarships and capital support; successes include $4M for an endowed professorship in critical thinking and $2.5M planned gift for scholarships to support students with disabilities
- Launched new alumni engagement strategies as part of West Coast plan
- Developed case statements in cybersecurity, effective access technology, the Smart City initiative, and the Center for Critical and Ethical Communication
- Created the Academic Campaign Council to provide senior administrative leadership for RIT fundraising campaign in quiet phase
- Cultivated key alumni and corporations through West Coast Initiative resulting in current opportunities for specific and significant asks
- Promoted culture of fundraising in colleges through support and accountability, results of which are evident in increased fundraising
- Presented to various alumni groups both nationally and internationally, developing and enhancing relationships specifically around fundraising
- Set research and philanthropy goals (annual and campaign) for each college, stretching them to achieve greater success

Student Success

Ensuring a quality educational experience that transforms lives and creates successful careers for our students

- Increased first-year persistence rate from 84.5% in 2008 to 90.3% in 2017
- Increased graduation rate from 64.9% in 2008 to 71.6% in 2016 (150%)
- Expanded and transformed RIT's professional academic advising system; achieved high National Survey Student Engagement scores in 2015
- Envisioned and implemented University Studies (an exploratory program for undecided students) resulting in stronger recruiting and retention
- Created separate School of Individualized Studies enabling students to pursue an education best suited for their needs and talents
- Launched On-time Graduation and the T-Shape Graduate initiatives as part of RIT strategic plan
- Teamed with faculty to establish a programmed ecosystem supporting student entrepreneurial activity
- Collaborated with Student Affairs to reinvent the First-Year Experience resulting in a substantial increase in student satisfaction
- Partnered with Enrollment Management and Career Services and college deans to identify new student markets and processes that enhance successful student recruitment

Student-centered Research and Graduate Education

Advancing RIT's research and graduate mission to support the discovery of new knowledge and enhance the reputation of RIT

- Increased expectations for sponsored research, resulting in growth of grant awards from $43.7M in 2012 to $74M in 2016 and number of submitted proposals (from 380 in 2008 to over 720 in 2016)
- Increased Ph.D. enrollment (172% since 2008) and increased Ph.D. degrees (over 400% since 2008) while improving student selectivity (from 28% in 2008 to 15% in 2015)
- In collaboration with deans and faculty, encouraged and facilitated new Ph.D. programs in engineering and mathematical modeling
- Leadership for the creation of the 2020 Graduate Education Initiative as part of the RIT strategic plan, establishing a new set of quality metrics for graduate education

Academic Excellence

Enhancing academic quality and rigor with breakthrough programs that innovate and transform student experiences and faculty success

- Transformed the RIT academic culture to prioritize the assessment of student learning
- Led RIT's writing program into a university-wide writing-across-the-curriculum program
- Oversaw the development of an innovative annual academic program review empowering faculty to embrace a continual improvement approach to curricular management
- Launched the Interdisciplinary Work Initiative, encouraging innovative interdisciplinary approaches to teaching, learning and research as part of the RIT strategic plan
- Championed and guided a reformed general education curriculum with a modern, intentional framework in close collaboration with the faculty
- Established the Eugene Fram Chair in Applied Critical Thinking with the support of a generous RIT alumnus strengthening RIT's work in effective communication and problem-solving skills
- Active leadership for the successful 2017 decennial Middle States accreditation evaluation

Diversity and Inclusive Excellence

Fostering diversity in a respectful, inclusive environment to promote critical thinking, equity and social justice, enriching RIT's educational and work environments

- Increased percentage of under-represented faculty (from 9.1% in 2008 to 9.9% in 2015) and women faculty (from 29% in 2008 to 34% in 2015)
- Served as co-PI for successful $3M NSF ADVANCE transformation grant supporting women faculty in STEM fields
- Established evidence-based 5-year faculty diversification goals
- Successfully championed the diversification of academic leadership

- Hosted Provost's Deaf Access Committee ensuring our deaf and hard of hearing students and faculty have access to all events and resources
- Created positions of Associate Provost for Diversity and Inclusion and Faculty Associates for AALANA and women faculty

Global Education

Expanding the internationalization of RIT to enhance the student experience and reputation of the university as well as recruit new students

- Oversaw significant enrollment growth for 2015 at global campuses RIT Croatia (up 17%) and RIT Dubai (up 43%) over previous year
- Secured $5M from Dubai Silicon Oasis for expansion into the undergraduate market for RIT Dubai
- Successfully led expansion and growth of RIT Croatia to include campuses in both Dubrovnik and Zagreb
- Launched academic programs in China with Beijing Jiaotong University with ~250 new students
- Established study abroad pathways for each academic program
- Developed position of Associate Provost for International Education and Global Programs to provide collaborative leadership with all aspects of international education including study abroad, international student services, faculty and student exchange programs, and international co-ops

Faculty Success

Promoting and rewarding faculty success while advancing shared governance and expanding faculty support

- Successfully championed broadened benefits and resources for faculty and staff; expanded family care leave and health benefits for part-time faculty
- Established a network of university-wide and college-based faculty mentoring services assisting faculty in teaching, scholarship and leadership
- Led expansion of faculty and staff recognition awards
- Implemented marketing and recruitment videos that capture the unique relationship between RIT students and faculty
- Revised faculty loads to provide greater time for teaching and research
- Significantly changed the promotion and tenure processes in collaboration with academic senate to provide more rigorous faculty review, clarify expectations and include external validation
- Increased faculty development funds to support online education
- Adopted system-wide changes to the teaching effectiveness review process including a new online system of student evaluation of teaching

Budget and Fiscal Management

Focused financial stewardship, embracing a transparent and collaborative budgetary approach

- Developed new budget and planning processes providing incentives and flexibility for the colleges to participate in online learning, summer and intersession programming, and global education
- Guided Academic Affairs unit in cost-containment initiative

- Led the development of new resources to the colleges in support of the academic mission
- Exemplified principles of budget transparency by sharing information across colleges

LEADERSHIP – PREVIOUS

ASSOCIATE VICE CHANCELLOR FOR RESEARCH AND INNOVATION AND DEAN OF THE GRADUATE SCHOOL
(Concurrent with appointment as Dean of Engineering and Applied Science)

University of Colorado at Colorado Springs
July 2007 to June 2008

Responsible for leadership and support of the research, innovation, and graduate education mission of the campus.
- Direct reports: 11
- Budget: $15M

Accomplishments:
- Ensured research integrity across the campus through oversight and development of appropriate policies and procedures
- Directed the National Institute for Science, Space, and Security Centers and served as director for the El Pomar Institute for Innovation and Commercialization
- Collaborated with Federal, State, and community agencies and constituents to build an economic development partnership between the university and the surrounding region
- Provided Academic Affairs leadership for developing a research park
- Provided leadership to graduate programs across campus
- Worked with key donors to endow Colorado Institute for Technology Transfer and Implementation office, faculty chair, research and scholarships

DEAN, COLLEGE OF ENGINEERING AND APPLIED SCIENCE
(Concurrent with appointment as Associate Vice Chancellor for Research and Innovation and Dean of the Graduate School from 2007-2008)

University of Colorado at Colorado Springs
July 2002 to June 2008

Responsible for all College matters including community engagement; sponsored research; fundraising; technology transfer; student recruiting/retention and admission; efficiency of departments and divisions; budgetary planning and allocation; faculty work load; personnel actions; curriculum planning; academic advising accountability and reporting.
- 90 faculty; 60 staff; 650 students
- Budget: $10M

Accomplishments:
- College ranked in the top ten by *U.S. News and World Report* (2006, 2007, and 2008) among public institutions primarily offering master's degrees – first time national ranking
- College ranked 7th in the nation among public institutions for graduating percentages of women engineers in 2006-07 by the American Society for Engineering Education (first time ranking)
- Led transformational change and growth of College while managing significant budget cuts and restructuring College to increase shared governance and efficiencies
- Achieved fundraising success and met capital campaign goals for new Science and Engineering Complex with major gifts, ranging from $300K to $2.5M in extraordinarily challenging financial times
- Developed dual enrollment program with local community college
- Focused on areas of excellence in networking and security, microelectronics, and medical device innovation

- Established a Research Development Center and led cultural change for, and increased sponsored research in, engineering and applied science disciplines
- Developed partnership agreements with Sandia National Labs, Ching Yun University (Taiwan), and Beijing University for Post and Telecommunications (China)
- Created, implemented, and expanded a college-wide Ph.D. in Engineering as well as a systems engineering graduate degree
- Transformed the College external advisory council into a regional economic development organization
- Developed a multidisciplinary Bachelor of Innovation™ family of degrees program in cooperation with the College of Business to produce engineering and business graduates with innovation process skills; included new track in Game Design and Development
- Created and significantly expanded K-12 outreach, including College selection as Colorado Affiliate University for *Project Lead The Way*

DIRECTOR
El Pomar Institute for Innovation and Commercialization

University of Colorado at Colorado Springs
July 2003 to June 2008

Responsible for ensuring Institute supported economic development by providing technology-oriented organizations with access to capital, technology and innovation information with an emphasis on sectors recognized as critical to the Southern Colorado region.

- Provided leadership for endowed Chairs in Innovation and Security, Innovation and Engineering, and Entrepreneurial Finance
- Encouraged technology transfer activities such as Small Business Innovation Research (SBIR) and Small Technology Transfer Research (STTR) grants that resulted in over $1M in funding for the region
- Oversaw the *Journal for Comparative Technology Transfer and Society*, published by John Hopkins Press
- Led community-wide symposiums targeting specific technology topics such as cyber-security, high-tech start-ups, venture capital and angel funding, research parks and SBIR/STTR grant writing

INTERIM DIRECTOR
Center for STEM Education

University of Colorado at Colorado Springs
August 2005 to April 2007

Responsible for building strategic partnerships to develop a systemic K-12 program with a focus on the STEM disciplines.

- Awarded $1.1M grant from AFOSR for Partnerships for Innovative Preparation of Educators and Students
- Established STEM Education Center and charter
- Developed $3M grant proposal for Department of Defense

DIRECTOR
Educational Outreach Center

University of Colorado at Colorado Springs
July 2003 to July 2005

The Educational Outreach Center served a campus-wide coordinating and leadership role, designed to distinguish the campus as a premier higher educational institution engaged with K-12 outreach, interaction and leadership. Responsible for ensuring Center planning, development and implementation of programs. (The Center later transformed into the Center for STEM Education; see above.)

- Completed three educational grants with State of Colorado ($100K)
- Recruited a highly engaged inaugural advisory board
- Expanded subscription service to local school districts

DIRECTOR
Teaching and Learning Center

University of Colorado at
Colorado Springs
July 2001 to June 2002

Responsible for leading the Center to improve teaching and learning at the University of Colorado at Colorado Springs campus, managing the budget, supervising a staff of seven, and developing Center strategies.

- Successfully advocated for a separate unit dedicated to faculty teaching development
- Increased faculty participation in Center workshops by 50%
- Developed and taught variety of workshops on instructional design
- Developed strategic plan for Center
- Developed campus-wide effort for distance learning policies

SENIOR FACULTY ASSOCIATE FOR INFORMATIONAL TECHNOLOGY
(concurrent with Teaching and Learning position)

University of Colorado at
Colorado Springs
July 2000 to June 2002

Responsible for establishing a campus-wide Informational Technology Council; formulating and managing strategic, implementation and tactical plans for IT; managing the student technology fee; and acting as IT liaison between the campus and administration.

- Developed the first campus-wide IT Advisory Council
- Developed the first strategic campus plan for IT
- Successfully lead effort culminating in student vote to triple the student technology fee; allowed students a voice in expenditures
- Represented IT at University Executive Team meetings
- Successfully received approval and funding of strategic IT plan

SENIOR FACULTY ASSOCIATE FOR TEACHING AND LEARNING
(concurrent with Information Technology position)

University of Colorado at
Colorado Springs
July 2000 to June 2002

Responsible for developing programs that aid faculty improvement in the areas of teaching and learning. Such programs included mentoring programs for faculty, teaching portfolios, online and distance education, and general teaching roundtables.

- Implemented faculty professional development workshops for improved teaching and learning
- Led campus-wide effort to develop and implement new campus website
- Created online modules for faculty development in teaching and learning

CHAIR
Department of Mathematics

University of Colorado at
Colorado Springs
August 1998 to July 2001

Responsible for managing department budget, articulating a vision for the programs and faculty, ensuring that teaching obligations were fulfilled, and facilitating the research activities of the faculty.

- Hired diverse faculty
- Launched *CU Succeed*, a K-12 program that encourages seamless transition from 12th grade to college
- Co-developed *Mathonline*, a distance learning math program

ASSOCIATE DIRECTOR
Mathematics Learning Center

University of Colorado at
Colorado Springs
September 1991 to January 1995

Responsible for implementing and integrating computer literacy into mathematics curriculum.

- Created mathematics modules that used computer algebra systems to enhance learning
- Spearheaded effort to create a mathematics computer laboratory and portable mathematics computer classrooms

ACADEMIC AND FACULTY PROFESSIONAL EXPERIENCE

EDUCATION

Ph.D. –Mathematics	1986	University of Wisconsin	Madison, WI
M.A. – Mathematics	1983	University of Wisconsin	Madison, WI
B.A. – Mathematics	1979	University of Iowa	Iowa City, IA

FACULTY APPOINTMENTS

FULL PROFESSOR
July 2008

Rochester Institute of Technology, *Mathematics*

FULL PROFESSOR
August 1998

University of Colorado at Colorado Springs, *Mathematics*

ASSOCIATE PROFESSOR
WITH TENURE
August 1993

University of Colorado at Colorado Springs, *Mathematics*

ASSISTANT PROFESSOR
August 1989

University of Colorado at Colorado Springs, *Mathematics*

ASSISTANT PROFESSOR
September 1986

University of Tennessee at Knoxville, *Mathematics*

GRANTS

RESEARCH GRANTS

Team lead for institutional participation in Association of Governing Board "Improving Board Oversight of Student Learning Outcomes" project. Co-sponsored by the Teagle Foundation. (2012-2013)

Co-Principal Investigator, Partners for Innovation: I SEE: Innovation through Synergistic Educational Engagement from National Science Foundation (Award ID 0650251), $600K. (2007)

Principal Investigator, Partnership in Innovative Preparation for Educators and Students (PIPES) from the Air Force Office of Scientific Research (Grant 07-067). $2.64M. (2006-2008)

- Developed a systemic program aimed at increasing the number of middle school students who major and graduate in STEM disciplines

- Implemented and delivered program for Southern Colorado region
- Built a network of national partners to assist in the replication of the program across the country

Principal Investigator, National Institute of Science, Space, and Security Centers (NISSSC) from the Air Force Office of Scientific Research (Grant FA9550-04-1-0239). $4.6M. (2006-2008)

- Oversaw research and education programs for homeland security
- Developed a consortium of universities to meet the needs of the space professionals in Air Force Space Command
- Focused research efforts in terrorism and trauma through the Trauma, Health and Hazard Center

Awarded 2-year research grant (NSA MDA 904-96-1-0030) from the National Security Agency. $28K. (1996-1998)

Awarded research grant (DGICYT SAB 95-0215) from the Spanish government to perform research at the University of Murcia in Murcia, Spain. (1995-1996)

Awarded CRCW grant from the University of Colorado for developing CATME. *Developing the Center for Applications and Technology in Mathematics Education*. $3K. (1995-1996)

Awarded CRCW grant from the University of Colorado, Colorado Springs in 1993-94 for ring theory research. $2K. (1993-1994)

Awarded "Young Investigator Grant" (MDA 904-92-H-3028) from the National Security Agency for summer research. $26K. (1992-1994)

Awarded NSF Special Projects grant (DMS 9023201) from the National Science Foundation for Methods in Module Theory conference at the University of Colorado, Colorado Springs. $10K. (May 1991)

Awarded CRCW grant from the University of Colorado for research. $2K. (1991-1992)

Awarded Grigsby grant from the University of Colorado for research. $1.5K. (1991)

Awarded Grigsby grant from the University of Colorado for research. $1.5K. (1990)

Awarded CRCW grant from the University of Colorado for research. $2K. (1989-1990)

Awarded NSA grant (MDA904--88--H--2036) from the National Security Agency for research. $2.5K. (1988)io

TEACHING AND LEARNING GRANTS

Awarded $115K grant from the University of Colorado for developing and deploying an online tutoring program in mathematics. (2000-2002)

Awarded workshop grant (co-investigators: G. Abrams, J. Daly, A. Putnam) from the Colorado Institute of Technology to offer a K-12 Teacher workshop on Mathematics and Technology. (2000)

Awarded Technology Partnership grant from UCCS Teaching with Technology Center. (1999)

Awarded Professional Development Academy award (with G. Abrams) for *Mathematics and Distance Learning*. Dr. Connie Staley, Pathways Grant coordinator. $5K. (1997)

Awarded Grigsby Sencenbaugh grant (with G. Abrams) from the University of Colorado for course development. $3K. (1995)

Awarded Hewlett Packard equipment grant. $140K. (1994)

SCHOLARLY WORK

SELECTED PUBLICATIONS

"Systemic Change Required" *Inside Higher Education. (*January 2016).

"The Double Helix: A Purposeful Pathway to an Intentional and Transformational Liberal Education" with Dr. Deborah Ford. *Liberal Education*. Association of American Colleges and Universities (Spring 2010) **96**, No 2.

"Beyond the Bachelor of Science: The Bachelor of Innovation Family of Degrees." *American Society of Engineering Education*. (2007).

"The Globalization Problem for Inner Automorphisms and Skolem-Noether Theorems" with A. del Rio, *Proceedings of the International Conference on Algebras, Modules and Rings*. (Lisbon 2004).

"Mind Over Matter: Transforming Course Management Systems into Effective Learning Environments" with C. Carmean (November/December 2002 issue of *EDUCAUSE Review*).

"Course Management Systems: Next Generation" with C. Carmean (First 2003 issue of *EDUCAUSE Quarterly*).

"Automorphisms of Tiled Orders" with C. Pappacena, *Linear Algebra and its Application* **347** (2002) 275-282.

"Strongly Graded Hereditary Orders" with C. Pappacena, *Communications in Algebra* **29** (12), 5535-5542 (2001).

"Win-Win Case Study" with G. Abrams in *Syllabus* journal. May 1999.

"Hereditary Crossed Products" with G. Janusz, *Transactions of the American Mathematical Society*, **352**, 3381-3410 (2000).
"The Picard Group of Incidence Algebras" with T. Holcomb, *Linear Algebra and its Applications*, **304**, 69-101 (2000).

"Actions of Picard Groups on Graded Rings" with A. del Río, *Journal of Algebra*, **218**, 573-607 (1999).

"Approximating Rings With Local Units Via Automorphisms" with G. Abrams and A. del Río, *Acta Mathematica Hungarica*, **82** (1999), 229-248.

"S.H.O.W.M.E. - Spearheading Online Work in Mathematics Education" with G. Abrams, *T.H.E.* journal (Technology in Higher Education) **25**, (May 1998).

"The Isomorphism Problem for Incidence Rings" with G. Abrams and A. del Río, *Pacific Journal of Mathematics*, **187**, 201-214 (1998).

"Picard Groups and Infinite Matrix Rings" with G. Abrams, *Transactions of the American Mathematical Society*, **350** (1998), 2737-2752.

"Reduction Techniques for Strongly Graded Rings and Finite Representation Type, I: Bounded Functors and Graded Equivalence" *Journal of Algebra* **194** (1997), 567-593.

"Isomorphisms of Row and Column Finite Matrix Rings" with A. del Río and J.J. Simon, *Proceedings of the American Mathematical Society*. **125** (1997), 1651-1658.

"Bounded Picard Groups" with G. Abrams, *Colloquium Mathematicum*, **72** (1997), 325-334.

"On When a Graded Ring is Graded Equivalent to a Crossed Product" *Proceedings of the American Mathematical Society*. **124** (1996), 1013-1021.

"Graded Equivalence Theory with Applications" *Journal of Algebra*, **172** (1995), 385-424.

"Graded Morita Theory for Infinite Groups" *Journal of Algebra,* **169** (1994), 552-586.

"A strongly Graded Ring That is Not Graded Equivalent to a Skew Group Ring" *Communications in Algebra*. **22** (1994), 4795-4800.

"On Gorenstein, Frobenius and Symmetric Orders: *NOVA Journal of Algebra and Geometry*. **2**, (1993).

"Primeness Conditions for Group Graded Rings" with Gene Abrams. Ring Theory, *Proceedings of the Biennial Ohio State-Denison Conference*, (May 1992. S.K. Jain, S.Tariq Rizvi, ed. 1993). *World Scientific*, Singapore. 1-19.

"Characterizing the Dedekind-like Orders That are Bass" with Lee Klingler, *Proceedings of the Methods in Module Theory Conference*. Marcel Dekker, Inc., New York, (1993).

"The Auslander-Reiten Quiver of Non-local Bass Rings" *Communications in Algebra*, **21** (1993), 483-509.

"The Pullback Structure of Blocks with Cyclic, Normal Defect Groups" with Lee Klingler. Infinite groups and group rings. *Proceedings of the American Mathematical Society Special Session* at Tuscaloosa, Alabama, 13-14 March 1992. J.M. Coprson, M.R. Dixon and F.D. Rohl, ed. *World Scientific*. (1993). Singapore.

"Irreducible Maps of Commutative Rings" *Communications in Algebra,* **21** (1993), 445-481.

"Special Quasi-triads and Integral Group Rings of Finite Representation Type, II" with Lee Klingler, *Journal of Algebra*, **158** #2 (1993), 323-374.

"Special Quasi-triads and Integral Group Rings of Finite Representation Type, I" with Lee Klingler, *Journal of Algebra,* **158** #2 (1993), 279-322.

"Integral Representations of Finite Groups with Finite Representation Type" with Lee Klingler, Azumaya algebras, actions, and modules: *Proceedings of a conference in honor of Goro Azumaya's seventieth birthday*, Darrell Haile and James Osterburg, editors. *Contemporary Mathematics* (American Mathematical Society), **124** (1991).

"On Local Orders" *Journal of Algebra,* **139** #1 (1991), 195-220.

"Local Orders Whose Lattices are Direct Sums of Ideals" *Transactions of the American Mathematical Society*, **321** (1990), 717-740.

"Tamely Uniform Orders" *Communications in Algebra,* **18** (1990), 2765-2782.

"On Gorenstein Orders" *Journal of Algebra* **132** (1990), 406-430.

"Direct Sum Behavior of Lattices Over Sigma-I Rings" *Journal of Pure and Applied Algebra* **51** (1988), 141-159.

"Commutative Orders whose Lattices are Direct Sums of Ideals" with L. Levy, *Journal of Pure and Applied Algebra* **50** (1988), 1-20.

CONFERENCES CO-ORGANIZED	Workshop for Departmental Chairs, a joint conference co-hosted with Syracuse University and University of Rochester provosts. (August 2010)
	Symposium on Modules Over Non-unital Associative Rings, University of Colorado at Colorado Springs. (June 1997)
	Abelian Group Theory, University of Colorado at Colorado Springs. (August 1995)
	Modules over Noetherian Rings - a conference in honor of 60th birthday of Lawrence Levy, University of Colorado at Colorado Springs. (October 1993)
	Methods in Module Theory, University of Colorado at Colorado Springs. (May 1991)
SELECTED PRESENTATIONS, WORKSHOPS, AND CONFERENCES	Invited address "The future of work and what it means for our students", RTM Higher Education Congress, Washington D.C. (August 2017)
	Invited panel discussion on Campus Climate, American Council of Education, Chief Academic Officers program, Washington, D.C. (March 2017)
	Invited presentation "Assessing Educational Quality" at Massachusetts Statewide Conference for Trustees, hosted by the Massachusetts Department of Higher Education, Worchester, MA. (September 2014)

Invited panel discussion on Academic Quality and Trustee engagement, Association of Governing Boards, San Francisco, CA. (April 2013)

Various addresses while at RIT: Board of Trustees, Education Core Committee of Board of Trustees, Research Committee of Board of Trustees, Town-Hall meetings for RIT campus, Academic Senate, Staff Council, Student Government. (2008-present)

Presentation "Innovative Approaches for Homeland Security Education" at the 2007 National Homeland Defense Foundation Symposium, Colorado Springs, CO. (October 2007)

Industry Panel on Gender Equity in Engineering, (member) WEPAN conference, Pittsburgh, PA. (June 2006)

Various presentations at Ching Yun University (Taiwan) and Beijing University for Post and Telecommunications (China). (June 2005)

Deeper Learning: Stepping back 500 Years, a plenary presentation made to the University of North Carolina System Teaching and Learning with Technology Collaborative annual conference. Greensboro, NC. (March 2003)

Invited talk, American Math Society Special Session on Representation Theory, Santa Barbara, CA. (March 2000)

Multimedia presentation concerning distance learning and mathematics, "The Bungee Jumping Approach to Using Technology in the Mathematics Classroom" Technology Award Luncheon, University of Colorado system. (May 1998)

Invited Colloquia talk, "Hereditary Crossed Products", University of Southern California. (April 1998)

Invited presentation, American Mathematical Society Short Session, California Technology Institute, Pasedena, CA. (November 1996)

Invited address (in Spanish), Universidad de Murcia, Murcia Spain. (May 1996)

Invited talk, Ring Theory Conference, Universidad de Murcia, Murcia Spain. (April 1996)

Invited colloquium presentation, Universidad de Murcia, Murcia Spain. (February 1996)

Invited colloquium presentation, University of Thessiloniki, Thessiloniki Greece. (March 1996)

Invited colloquium presentation, Nicolas Copernicus University, Torun Poland (December 1995)

Invited colloquium presentation, University of Warsaw, Warsaw Poland. (December 1995)

Invited colloquium presentation, Centre de Recerca Matem'atica, Institut D'estudis Catalans, Barcelona Spain. (November 1995)

Invited colloquium presentation, Universidad de Murcia, Murcia Spain. (October 1995)

Invited presentation "Multimedia and mathematics" joint EDC and Executives Club Luncheon, Colorado Springs, CO. (April, 1995)

Invited talk, American Mathematical Society Short Session, San Francisco CA. (January 1995)

Invited talk, American Mathematical Society Short Session, University of Oregon, Eugene OR. (June 1994)

Invited talk, Ohio State - Dennison Mathematics Conference, Granville OH. (March 1994)

Invited talk, University of Tennessee Barrett Lectures, Knoxville TN. (April 1994)

NOTABLE TEACHING EXPERIENCE

SELECTED EDUCATIONAL TECHNOLOGY ACTIVITIES

Developed and implemented a three-campus online mathematics tutoring program. The CU Online Tutoring Project brought together the mathematics departments from the CU campuses to deliver real-time tutoring to any CU student registered for a calculus or below mathematics class. Project funded by a two-year $115K grant from the CU System.

Co-Developed Mathonline, a distance-learning program offered through the Mathematics Department at the University of Colorado at Colorado Springs. This program offers live and archived lectures with audio and whiteboard feeds via the Internet. Created the online version of Mathematics 112 - Calculus for Business and Economics and Mathematics 313 - Linear Algebra.

Developed Center for Applied Technology and Mathematical Education (CATME) to promote and provide training for using technology in mathematics education. CATME offered a certificate program for instructors on the pedagogy and use of technology in the classroom. Developed Mathematics 410/510 - Technology in Mathematics Education, Mathematics 405/505 - Applications in Mathematics Education, and Mathematics 411/511- Seminar in Applications and Technology in Mathematics Education.

Developed and presented (with G. Abrams, J. Daly, and A. Putnam) SPECTRUM 2000 workshop to train K-12 teachers on use of applications and technology in the math classroom, Colorado Springs, CO. (June 2000)

Developed and presented (with G. Abrams) SHOWME '99 workshop on use of applications and technology in the math classroom, Phoenix, AZ. (June 1999)

Developed and presented (with J. Daly, A. Putnam) Teacher Workshop on Statistics, Colorado Springs, CO. (June 1998)

SERVICE EXPERIENCE

LEADERSHIP MENTORING

Dr. Stephen Turner, Associate Professor of Computer Science at University of Michigan-Flint, American Council on Education Fellow. (2015-2016)

Dr. Joel Frater, Executive Dean for Monroe Community College's Damon City Campus, American Council on Education Fellow. (2013-2014)

Dr. Andreas Savakis from RIT, American Council on Education Fellow at University of Rochester and University of Massachusetts Amherst. (2011-2012)

Julie Buehler, Vice Chancellor for Information Services and Strategy and Chief Information Officer at the University of Massachusetts Amherst, American Council on Education Fellow. (2010-2011)

PROFESSIONAL SERVICE

Member: Regents Advisory Council on Accreditation, New York State Education Department. (2014 – present)

Grant reviewer: Alfred P. Sloan Foundation. New York, NY.

Curriculum consultant: Academy School District 20, Colorado Springs, CO.

Manuscript reviewer: Journal of Pure and Applied Algebra, Linear Algebra and its Applications, Mathematics Review, Communications in Algebra, Journal of Algebra, The Canadian Journal of Mathematics, The Canadian Bulletin of Mathematics, and the National Science Foundation.

Projects: L.I.N.C. (Learning In the Next Century)—a campus committee to develop a multimedia connection between UCCS and local schools and businesses. Presented at EDC and UCCS Executives luncheon. (April 1995)

CAMPUS SERVICE

Various committees on topics ranging from promotion and tenure, curriculum development and approval, information technology, intercollegiate athletics, graduate thesis review, international education, and teaching awards.

PROFESSIONAL GLOBAL TRAVEL

Brazil	Canada	China	Croatia
France	Greece	India	Japan
Kosovo	Peru	Poland	Spain
Sweden	Taiwan	United Arab Emirates	

AWARDS AND ORGANIZATIONS

AWARDS	*President's Faculty Excellence Award for Advancing Teaching and Learning through Technology*: University of Colorado System. (1998, inaugural)
	Innovations in Teaching with Technology: University of Colorado at Colorado Springs. (1998, inaugural)
	Sanxay Prize: University of Iowa Graduation Award. (1979)
PROFESSIONAL MEMBERSHIPS	- Association for Independent Technological Universities (AITU) - Association for American Colleges and Universities - American Society for Engineering Education - American Mathematical Society (past) - Mathematical Association of America (past) - Women in Engineering Program Advocates Network (past) - National Society for Black Engineers (past)

OTHER WORK AND ENGAGEMENT

SELECTED LEADERSHIP INSTITUTES, WORKSHOPS, CERTIFICATES

June 2010 – Present	Provost Roundtable, Educational Advisory Board
August 2009	American Council on Education Chief Academic Officer and Chief Financial Officer joint meeting
July 2008-June 2009	Institute for Chief Academic Officers, American Council on Education
December 2005	Graduate Course in Technology Transfer, AUTM, Atlanta
January 2003; May 2004; and July 2005	CASE Fundraising for Deans
June 2001	EDUCAUSE Leadership Institute
July 2001 and 2002	Emerging Leadership Program sponsored by the University of Colorado

COMMUNITY INVOLVEMENT

AL SIGL FOUNDATION BOARD OF GOVERNORS	Supporting the Al Sigl collaborative and fostering a growing array of nonprofit organizations that serve children and adults with disabilities and special needs. (2016-present)
NATIONAL ADVISORY COUNCIL FOR COACHE	Research-practice partnership of the Harvard University-based Collaborative on Academic Careers in Higher Education (COACHE) to improve faculty success. (2015-present)
CENTER FOR GOVERNMENTAL RESEARCH BOARD	Center informs and empowers government, business and nonprofit leaders by providing fact-based, objective research. (2011-present)

ROCHESTER COMMUNITY FOUNDATION BOARD	Strengthening community philanthropy by promoting responsible and informed giving. (2011-2014)
PROJECT KALEIDOSCOPE NATIONAL BOARD	National non-profit advocating for building and sustaining strong undergraduate programs in science, technology, engineering, and mathematics. (2010-2015)
HEART WALK EXECUTIVE COMMITTEE	Bringing Greater Rochester community together to raise funds to fight heart disease and stroke. (2010-2011)
ECONOMIC DEVELOPMENT CORPORATION BOARD	Private not-for-profit corporation focused on attracting and retaining primary jobs for Colorado Springs. (2002-2007)
COLORADO SPRINGS TECHNOLOGY INCUBATOR	Technology business incubator. (2005-2008)
CELEBRATE TECHNOLOGY BOARD OF DIRECTORS	Colorado statewide event joining leaders in government, private sector and academia for networking and recognition. (2003-2008)
NATIONAL SPACE SCIENCE & TECHNOLOGY INSTITUTE BOARD	Stimulate public knowledge of space science and technology and its contribution to nation's security and economic strength. (2003-2008)
ROCKY MOUNTAIN TECHNOLOGY ALLIANCE	Founder and host institution. Economic governing board in support of three constituents: education; industry and government. (2005-2008)

PERSONAL ACCOMPLISHMENTS

TRIATHLONS AND MARATHONS	- Ironman Florida (Finisher – November 2017) - Ironman Lake Placid (Finisher – July 2017) - Big George Half-Iron Triathlon (September 2016) - Ironman Mont-Tremblant, Canada (Finisher – August 2015) - Ironman Wisconsin (Finisher – September 2012) - World Championships, Ironman 70.5, Mont-Tremblant, Canada (September 2014) - Ironman 70.3 Eagleman (June 2014) - Ironman 70.3 Muskoka, Canada (September 2013 and July 2015) - Ironman 70.3 Syracuse (June 2012, 2013, 2017) - Boston Marathon (April 2012, 2013, 2014, 2015) - Rochester Marathon (September 2011, 2012, 2017) - Musselman Half-Iron Triathlon (July 2011)