

# CURRICULUM VITAE

## Gail Mackin

### Administrative Experience

#### Central Washington University (CWU)

##### **Interim Dean, School of Graduate Studies and Research (June 2022 -present)**

- Serve as executive officer, hiring authority, and principal academic administrator of the School of Graduate Studies and Research (SGSR).
- Oversee budget management, personnel actions, staff development, unit operations, and strategic planning.
- Determine and implement strategic changes in organizational structure and departmental goals including the hiring of an Associate Dean for Graduate Studies and a Director of Research & Sponsored Programs.
- Provide oversight of Research and Sponsored Programs' processes and regulations, including IRB and IACUC review and approval.
- Oversees all admission and degree checkout processes for the Graduate School.
- Provides support and direction for the Graduate Council.

##### **Interim Dean, College of Education & Professional Studies (February 2022-June 2022)**

- Served as executive officer, hiring authority, and principal academic administrator of the College of Education and Professional Studies (CEPS).
- Led and managed ten department chairs to ensure inclusive and ethical practice, allocates college resources, and models student-centered decision-making.
- Oversaw budget management and decision making for a \$1,400,000 reduction in instructional costs for the colleges. Guided department chairs in restructuring the 2022-23 course schedule and deployment of faculty to align with the university's objective to increase the student to faculty ratio for tenured and tenure-track faculty.
- Oversaw personnel actions, faculty and staff development, curriculum delivery, planning for facilities and equipment, departmental operations, and strategic planning.
- Reviewed faculty personnel files for promotion, tenure and reappointment.

##### **Vice Provost, Division of Academic and Student Life\* (ASL) (2021-present)**

###### **\*ASL recently transitioned to Academic Affairs**

- In partnership with the provost and as the senior member of the Provost's Leadership team, provide leadership, guidance and support for all eight decanal units within ASL.
- Provide council and advise the provost, having oversight and responsibility for academic process, budgetary planning within ASL, policy and procedures relating to academic and student affairs.
- Lead efforts to fully analyse and develop the university's mission and decision making by reviewing and recommending new budget allocations for college and non-college units.
- Engage in strategic planning for ASL in partnership with the Provost; design and implement internal organizational changes including personnel and budget decisions.
- Serve on the University Budget Development Team to recommend new budgeting strategies as the University transitions from an activity-based budget (ABB) to a value-based budget (VBB).
- Coordinate with the Chief Information Officer's office to establish new metrics and to create new reports for instructional resource management and provide deans and associate deans training with data systems necessary for planning.

- Enrollment growth and retention – lead efforts to grow summer session enrollments; lead retention efforts across the colleges and Student Success; chair university Retention Steering Committee; chair Academic & Student Life (ASL) Quarterly Onboarding Team; serve on Strategic Enrollment Management (SEM) Plan Implementation Committee and chair SEM Persistence, Progression & Completion Subcommittee; chair CAPS+ Steering Committee.
- Lead efforts to allow students to declare their major during the admissions process and establish block scheduling for incoming first year students.
- Shared governance – serve as Provost’s Office liaison to the Faculty Senate (FS); collaborate with FS Academic Affairs Subcommittee on policies and procedures pertaining to Academic Affairs; serve on FS General Education Implementation Planning Team; and serve as ex-officio member of FS Curriculum Committee; lead University committees such as the Fall 2021 COVID-19 Planning Committee and Task Force which, through discussion and collaboration, establish consensus on policy and practices that affect students and employees.
- Direct reports – provide leadership and oversight to the Office of the Registrar and the Office of Undergraduate Research.
- Liaise between ASL and Facilities to oversee onboarding of new buildings, department moves and construction projects within ASL shifting cultural values from a department owned space to university shared resources.
- Provide support and direction for faculty and staff in terms of program assessment, specialized program accreditation and Northwest Commission on Colleges and Universities (NWCCU) accreditation requirements.

**Associate Provost for Undergraduate & Faculty Affairs, Division of Academic and Student Life (2017-2021)**

- One of three Associate Provosts reporting to the Provost and Vice President of Academic & Student Life.
- Responsibility Centered Management (RCM) budget model – provided leadership and guidance to college deans in the implementation of the university’s new budget model; chaired the Budget Allocation Subcommittee; led effort to fully understand implications of new budget model on the university’s mission and decision making by reviewing and recommending new budget allocations for non-college units; coordinated annual Budget Summit for university; coordinated with the Project Management Office to create new reports for instructional resource management and provide deans and associate deans training with data systems necessary for planning.
- Enrollment growth and retention – led efforts to grow summer session enrollments; led retention efforts across the colleges and Student Success; chaired university Retention Steering Committee; chaired Academic & Student Life (ASL) Quarterly Onboarding Team; served on Strategic Enrollment Management (SEM) Plan Implementation Committee and chair SEM Persistence, Progression & Completion Subcommittee; chaired CAPS+ Steering Committee.
- Shared governance – served as Provost’s Office liaison to the Faculty Senate (FS); collaborated with FS Academic Affairs Subcommittee on policies and procedures pertaining to Academic Affairs; served on FS General Education Implementation Planning Team; and served as ex-officio member of FS Curriculum Committee.
- Direct reports – provided leadership and oversight to the Office of the Registrar and the Office of Undergraduate Research.
- Liaised between ASL and Facilities to oversee onboarding of new buildings, department moves and construction projects within ASL.
- Provided support for Northwest Commission on Colleges and Universities (NWCCU) accreditation requirements.

## **Northern Kentucky University (NKU)**

### **Senior Associate Dean, College of Arts & Sciences (CAS) (2016-2017)**

- Responsibility Centered Management (RCM) budget model – provided leadership for and implemented the college’s budget as the university transitioned to a RCM budget model; served on CAS Budget Committee and CAS Strategic Planning Implementation Committee; led effort to fully understand implications of new budget model on the college’s mission and decision making; coordinated with the offices of Institutional Effectiveness and Budget to design tools specific to new model for colleges and departments; coordinated with the Office of the Registrar for testing new systems and processes related to the new budget model; and provided chair, faculty and staff training with data systems necessary for budget planning.
- Enrollment growth – built pathways for transfer students through articulation agreements with units within the Kentucky Community & Technical College System (KCTCS) and other community colleges within the Kentucky-Ohio-Indiana tri-state region; and established innovative instructional staffing solutions to ensure the growth of college course offerings at NKU’s Grant County Center.
- Southern Association of Colleges & Schools (SACS) Accreditation Compliance Audit Team – reviewed policies and procedures within Academic Affairs to determine areas of compliance and non-compliance in preparation for NKU’s 2018 SACS accreditation renewal.
- Provided stability and continuity to the Dean’s office as interim dean, college budget officer and interim associate dean transition to new roles.
- Continued with responsibilities of Associate Dean listed below.

### **Associate Dean, College of Arts & Sciences (2014-2016)**

- Strategic Planning – developed and implemented the college strategic plan in alignment with the NKU Fuel the Flame strategic plan 2013-2018 in collaboration with college leadership team, faculty and staff; reviewed and assisted in departments’ development and reporting of strategic plans; chaired CAS Strategic Investment Funds Award Committee; and shifted college culture towards intentional planning and growth aligned with department, college and university missions.
- Course enrollment management – provided leadership for the college’s effort towards improving student success through enrollment management; coordinated the college’s offering of general education courses based on enrollment demand; implemented Education Advisory Board (EAB) aligned strategies to ensure student success; reduced the number of CAS sections by nearly 5% and the number of under-enrolled sections by 2.1% while maintaining constant enrollment from 2014-15 to 2015-16; set enrollment goals and collaborated with chairs to ensure robust enrollment for 2015 summer school schedule; and achieved \$1,300,000 in efficiencies.
- Assessment – spearheaded ongoing programmatic assessment for 35-degree programs across 10 departments and the School of the Arts; led college-wide assessment meetings and workshops; coordinated faculty development opportunities around best practices for programmatic assessment; and coordinated assessment of general education courses offered by the college.
- Curriculum – oversaw development of new academic programs; liaised between college units, Faculty Senate curriculum and academic affairs committees and office of the Vice Provosts; provided administrative oversight of the college’s curricular process with a focus on college resources; and supervised 5-year program review for college programs.
- Policy and procedures – Responsible for ensuring adherence by college units to all university policies and procedures; led collaborative and constructive discussions amongst faculty members across all college disciplines to develop a college Reappointment, Promotion and Tenure policy and a policy for a differential workload; represented the college on Admissions

& Academic Policy Council; and served on multiple technology support development teams as advisor and/or Academic Affairs liaison.

- Fundraising – collaborated with college development officer to provide information to potential donors and participated in college stewardship activities.
- Recruitment – reviewed application materials and met with candidates as the Dean’s representative for faculty and staff candidates within the college.
- Leadership – mentored new chairs and directors on operational strategies; developed leadership characteristics in new college personnel; and chaired various college and university committees.
- Special projects – coordinated the move of four college units to new buildings and rescheduled 170 course sections due to the closure of Founder’s Hall.
- University governance - represented the college on eight university committees (see Selected Service Activities below).

**Director, Project SOAR (2011-2013)**

**Co-Director, Project SOAR (2013-2017)**

Principal investigator of a National Science Foundation funded scholarship program to recruit, retain, educate, and graduate financially needy, academically talented students who will enter the workforce or graduate school in a STEM field; coordinated efforts with the Offices of Admissions and Student Financial Services to recruit underrepresented STEM majors; led interdisciplinary collaborations to advise and mentor more than 60 STEM majors; managed all aspects of the \$600,000 grant; and oversaw selection process of scholarship recipients and coordinated extracurricular activities. SOAR Scholars have an 87% first year retention rate and a 51% four-year graduation rate compared to university-wide rates of 69% and 17%, respectively.

**Chair, Interim, Department of Mathematics & Statistics (2007-2009)**

Encouraged and supported faculty professional development; evaluated faculty performance; recruited and hired high-performing faculty and staff members; served as a liaison between department and university administration; led department in development of 5-year strategic plan; oversaw academic planning; ensured day-to-day operation of department activities; and managed both operational (\$1.5M) and foundation budgets (\$1.3M).

**Assistant Chair, Department of Mathematics & Statistics (2005-2007, 2009-2014)**

Evaluated transfer equivalencies; handled student concerns; granted permits for mathematics and statistics courses; recruited mathematics majors and minors; certified majors and minors for graduation; coordinated orientation and recruitment activities; and performed various projects for chair.

**Special Assistant to the Dean, College of Arts & Sciences (2009-2010)**

Coordinated college faculty fellowship selection; reviewed all curriculum proposals for over 100 new Foundations of Knowledge general education courses; chaired various college committees; and assisted with RPT application review.

## Education

1997	Ph.D. Mathematics	Virginia Tech, Blacksburg VA
1993	M.S. Mathematics	Virginia Tech, Blacksburg VA
1991	B.S. Mathematics and Physics	Keene State College, Keene NH

## Academic Appointments

2017-present	Professor of Mathematics, Mathematics Dept., Central Washington University
2013-2017	Professor of Mathematics, Dept. of Mathematics & Statistics, Northern Kentucky University
2005-2013	Associate Professor of Mathematics, Dept. of Mathematics & Statistics, Northern Kentucky University
2001-2005	Assistant Professor of Mathematics, Dept. of Mathematics & Computer Science, Northern Kentucky University
2000-2001	Assistant Professor of Mathematics, Dept. of Mathematics & Computer Science, Western Carolina University
1997-2000	Assistant Professor of Mathematics, Dept. of Mathematics & Computer Science, Georgia Southern University

## Curricular & Instructional Experience

### *Interdisciplinary Courses:*

Bio-Mathematics; International Service Learning Experience (Mexico); Project SOAR:  
Orientation to College & Beyond Seminar I & II

### *Mathematics Courses Taught:*

Algebra for College Students; Pre-Calculus; Analytic Geometry and Calculus; Differential  
Equations; Finite Mathematics; Introduction to Mathematical Sciences; Introduction to Proofs  
and Logic; Linear Algebra; Math for Liberal Arts; Mathematical Modeling; Mathematical  
Sciences Seminar; Numerical Methods; Numerical Analysis (undergraduate & graduate level)

### *Undergraduate Student Research & Capstones*

N. Dasenbrock-Gammon, URC grant (2015-2017); B. Bourgeois (2014-2016); K. Kotnik, 2013  
Greaves Summer Research Fellowship; Y. Lee, 2012 UR-STEM Summer Grant; J. Castle,  
Capstone, (2011-2012); J. Hernandez-Lamb, Honors Thesis (2006-2008); J. Jasper, (2007-2008);  
A. DiBello (2005-2006); M. Soni, (2002-2003); C. Curry (2002-2003)

## Teaching Awards

- Mathematical Association of America Kentucky Section Distinguished College or University  
Mathematics Teacher of the Year Award, Spring 2013.
- Project NExT (New Experiences in Teaching) Fellow, 1998-99 National Program.
- Pew Charitable Trusts Teaching Leadership Award - Funding for the Sixth National  
Conference on the Education and Employment of Graduate Teaching Assistants, 1997.

## Book

- Miller J.R., Mackin G. Orbock-Miller S. (2015) Application of Geochemical Tracers to  
Fluvial Sediment *Springer Briefs in Earth Sciences* pp 142, January, 2015.

## Peer Reviewed Publications

- Zohar, I., Teutch, N., Levin, N., Mackin G., de Stigter, H., Bookman, R. (2016) Urbanization  
effects on sediment and trace metals distribution in an urban winter pond (Netanya,  
Israel). *Soils and Sediment*, **17**, 2165-2176.

- Miller, J.R; Mackin, G., (2013) Concentrations, Sources, and Potential Environmental Impacts of Selected Trace Metals on Aquatic Biota within the Little Tennessee River Basin, North Carolina, *Water, Air, & Soil Pollution*, **224**(7), 1613-1637.
- Miller J.R., Mackin G., Lechler P., Lord M., Lorentz S. (2013) Influence of basin connectivity on sediment source, transport, and storage within the Mkabela Basin, South Africa, *Hydrology and Earth System Sciences (HESS)*, **17**,761-781.
- Hernandez- Lamb J.\*, DiBello A.\*, Lewis S.\*, Mackin G., Kirby K., Acosta C. (2013) Modeling the effects of reserve size and fishing mortality for Caribbean Queen Conch *Strombus gigas*. *Aquatic Conservation: Marine & Freshwater Ecosystems*, **22**(6), 721-730. \*Undergraduate students.
- S. Lorentz, Miller J., Lechler P., Mackin G., Lord M., Kollongei J., Pretorius J., Ngeleka, K., Zondi N., LaRoux J. (2011) Definition of process zones and connectivity in catchment scale NPR processes. *Water Resource Commission*, Pretoria, South Africa, WRC Report No. 1808/1/11, pp 130.
- Miller J.R., Lechler P.J., Mackin G., Germanoski D., Villarroel L.F. (2007) Evaluation of particle dispersal from mining and milling operations using lead isotopic fingerprinting techniques, Rio Pilcomayo Basin, Bolivia. *Science of the Total Environment*, **384**(1-3), 355-373.
- Miller J.R., Lord M., Yurkovich S., Mackin G., Kolenbrander S. (2005) Historical trends in sedimentation rates and sediment provenance, Fairfield Lake, western North Carolina. *Journal of the American Water Resource Association (JAWRA)*, **41**(5), 1053–1075.
- Miller J.R., Kolenbrander S., Lord M., Yurkovich S., Mackin G. (2003) Assessment of changing land-use practices on basin sediment yields and provenance in western North Carolina using multivariate finger printing techniques. *Water Resource Research Institute of the University of North Carolina*, Project no. 70181, WCU-WRRI: 96-0883-05 Report No. 345, pp 49.
- Bubner N., Mackin G., Rogers R.C. (2000) Rate dependence of hysteresis in one-dimensional phase transitions. *Computational Material Science*, **18** (3-4), 245-254.

### **Other Articles and Publications**

- Haik, K.L., Curcio, J.\*, Bullen, H.A., Mackin G., McGill, D. (2012) Project SOAR at Northern Kentucky University: A comprehensive support program for academically-talented, first-generation and underrepresented STEM students. Program No. 25.10 SU. 2012 Neuroscience Meeting Planner. New Orleans, LA: Society for Neuroscience. Online. \*Undergraduate students.
- Fleming K., Mackin G. (2005) Student recruitment and retention. Whitepaper disseminated to participants of the AMS-MER Workshop on Excellence in Undergraduate Mathematics: Mobilizing for the Future.
- Mackin G. (1997) Existence and uniqueness for a regularized phase transition equation with an order parameter, *VPI&SU ICAM Report # 97-01-01*.

### **Selected Invited Talks**

- Determining the source of pollutants within river systems. Mackin, G. 2014 KYMAA Annual Meeting, *Plenary Speaker*, Murray, KY, March, 2014
- The use of geochemical tracing methods to assess sediment transport and provenance within the Mkabela Catchment, South Africa, Mackin, G., Miller, J., Lord, M., Lechler P., Lorentz, S. Geological Society of America Annual Meeting, Charlotte, NC, October, 2012.
- Process zone structure and connectivity on sediment sources, transport, and storage; Mkabela Catchment QuaZulu Natal, South Africa, Mackin, G., Miller, J., Lord, M., Lechler P. Water Resource Commission, Pretoria, South Africa, May, 2009.

- Effects of material inhomogeneities on phase transitions, Mackin, G. *SIAM* Mini Symposium on Numerical Methods and Simulations for Nonlinear Partial Differential Equations, 1999 Annual Meeting of the Canadian Applied and Industrial Mathematics Society, Quebec City, Quebec, Canada, June, 1999.

### Selected Peer Reviewed Presentations

- Sediment and nutrient connectivity in sugar cane plantations in the KwaZulu-Natal Midlands, South Africa. S. Lorentz (Speaker), J. Kollongei, J. Miller, G. Mackin International Association of Sediment Water Science, Grahamstown, South Africa, July, 2014.
- Modelling geochemical changes of sediment within alluvial systems. Mackin, G., Miller, J., Lechler, P. *7<sup>th</sup> Annual International Symposium on Environment*, Athens, Greece, May, 2012.
- Student recruitment and retention. Mackin, G., Fleming, K. AMS-MER Workshop on Excellence in Undergraduate Mathematics: Mobilizing for the Future, Tempe, AZ, December, 2005.

### Other Selected Presentations

- Project SOAR: Providing low-income, first-generation, underrepresented STEM students comprehensive support for success. Bullen, H., Haik, K., Mackin, G. JMM 2012, Boston, MA, January 7, 2012.
- Master Advisor Workshop: Advising and Placement for MAHD, MAT & STA Courses. Mackin, G., Broering, J. Northern Kentucky University, February 14, 2012.
- Modeling erosion and sedimentation. Mackin, G. KYMAA Sectional Meeting, Georgetown, KY, and SIAM-SEAS Conference, Cullowhee, NC, April, 2002.
- Shape memory materials: A brief look at the modeling of microstructures. Mackin, G. Department of Mathematics and Computer Science, Merrimack College, North Andover, MA, March, 1999.
- Using the web to teach math. Mackin, G., Barzilai, H., Herman, H., Hunter, D., Kreuger, R., Price, K.. Project NExT Workshop Session, Joint Meetings of the AMS and the MAA, San Antonio, TX, January, 1999.
- A comparison of two order-parameter models of solid-solid phase transitions. Mackin, G. Spring Meeting of the Southeastern Section of the MAA, College of Charleston, SC, March, 1998.
- The TA experience: A springboard to the future. Beverly, L., Mackin, G., Moss, G., Shugart, E., Smith, N. The Sixth National Conference on the Education and Employment of Graduate Teaching Assistants, University of Minnesota, Minneapolis, MN, November, 1997.

### Grants

- National Science Foundation (NSF) International Research Experiences for Students (IRES) Research in Undergraduate Institutions (RUI). Undergraduate research on sustainable harvesting in a coral reef ecosystems. PI: C. Acosta, Co-PI: G. Mackin. \$177,258 awarded for 2014-2017.
- NSF Scholarships in Science, Technology, Engineering and Mathematics (S-STEM). Project SOAR. PI: G. Mackin, Co-PI: K. Haik and D. McGill. \$600,000 awarded for 2012-2017.
- US Fish & Wildlife. Decline of Appalachian Elktoe in the Upper Little Tennessee River. PI: G. Mackin. \$9000 awarded for 2010-2011.
- NKU Strategic Enrollment Grant. The Calculus Lab. Co-PI: G. Mackin, S. Cain. \$3200, 2008.
- NKU Center for Integrative Natural Sciences & Mathematics (CINSAM) Research Grant. Modeling Spatial Population Dynamics for Habitat Conservation. PI: G. Mackin, \$13,026, 2007.

- NKU CAS Collaborative Faculty-Student Research Grant. Modeling Spatial Population Dynamics for Habitat Conservation. PI: G. Mackin, \$500, 2007.
- NKU CINSAM Research Grant. Numerical Methods and Analysis for a Mixing Model used for the Assessment of Changing Land-Use Practices on Basin Sediment Yields and Provenance. PI: G. Mackin, \$8860, 2002.

### **Selected Professional Development**

- American Academic Leadership Institute: Becoming a Provost Academy, 2022-present
- Diversity Training, Infinity Martinez Consulting, October, 2020.
- NWCCU Accreditation Workshop: Student Success, Seattle WA, September, 2019
- Mathematics Association of America (MAA) Professional Enhancement Programs (PREP) Workshop: Mathematical Biology: Beyond Calculus, June, 2011, Sweet Briar, VA.
- American Mathematical Society (AMS) Workshop for Department Chairs & Department Leaders, January, 2009, Washington, DC.
- AMS Workshop for Department Chairs & Department Leaders, January, 2008, San Diego, CA.
- American Mathematical Society and Mathematicians & Education Reform (AMS-MER) Workshop on Excellence in Undergraduate Mathematics: Mobilizing for the Future, December, 2005, Tempe, AZ.
- MAA PREP Workshop: Mathematics meets Biology: Epidemics, Data Fitting and Chaos, May, 2004, Lafayette, LA.
- AMS-MER Workshop: Excellence in Undergraduate Mathematics: Mainstreaming In-Depth Mathematical Experiences for Students, March, 2004, Dubuque, IA.
- NKU Master Advisor Program, June, 2003, Highlands Heights, KY. MD.

### **Selected Service Activities**

#### *National, State & Regional Activities:*

- Washington State Legislative Review Team for State University Capital Building Projects, (2022-present)
- Washington Council of Presidents (COP) Inter-Institutional Committee for Academic Program Planning (2021-present)
- Washington State Higher Education Executive Officers Association Transfer Task Force (2021-present)
- Washington Launch Years Steering Committee (2020-2021)
- Washington Joint Transfer Council (2017-2018, **Co-Chair** 2021-2022)
- Washington COP Inter-institutional Committee for Undergraduate Studies (2018-present)
- Association of College & University Policy Membership Committee (2018-2021)
- Kentucky General Education Mathematics Workgroup, Morehead, KY, May 18-20, 2010

#### *University Activities:*

##### *Central Washington University*

- Psychology Replacement Capital Project Advisory Group (2022-present)
- CWU NWCCU Accreditation Midcycle Review Leadership Team, **Co-Chair** (2021-2022)
- COVID-19 Fall 2021 Planning Committee and Task Force, **Co-Chair** (2021)
- North Academic Complex Capital Project Advisory Group (2021-present)
- University Accreditation Steering Committee (2021-present)
- Academic Assessment Committee, **Co-Chair** (2021-2022)
- COVID Task Force (2020-2021)
- Health Science Building Advisory Committee (2020-2022)
- Faculty Senate Academic Affairs Committee, ex-officio member (2019-2022)
- Faculty Senate General Education Committee, ex-officio member (2019-2021)



- Organizational Change Implementation Group, **Co-Lead** (2018-present)
- Academic & Student Life (ASL) Quarterly Onboarding Team, **Chair** (2018-2021)
- Faculty Senate Curriculum Committee, ex-officio member (2018-2021)
- Destination 2025 Advisory Committee (2019-2021)
- Destination 2025 Workgroup #3 (Retention) and #4 (Enrollment Projections) (2019-2021)
- Hispanic Serving Institution (HSI) Planning Workgroup, (2018-2020)
- Strategic Enrollment Management (SEM) - Persistence, Progression & Completion Subcommittee, **Co-Chair** (2018-2019)
- Strategic Enrollment Management (SEM) Planning Committee (2017-2019)
- Budget Allocation Subcommittee, **Chair** (2017-2021)
- CAPS+ Steering Committee, **Chair** (2017-2020)
- FS Academic Affairs Committee, ex-officio member (2017-present)
- FS General Education Implementation Planning Subcommittee (2017-2020)
- CWU Retention Team, **Co-Chair** (2017-2021)
- Summer Session Committee, **Chair** (2017-present)
- Facilities Campus Moves Committee (2017-present)
- Provost Council, (2017-present)

*Northern Kentucky University*

- SACS Accreditation Compliance Audit Team (2016-2017)
- University Data Management Policy Committee (2016-2017)
- Vice-Provost for Assessment Search Committee, **Chair** (2016)
- Management Dashboard Advisory Group (2015-2017)
- FS General Education Committee - Ex-officio member (2015-2017)
- FS General Education Assessment Subcommittee (2015-2017)
- Assistant Vice-Provost for Curriculum & Assessment Search Committee, **Chair** (2015-2016)
- EAB Steering Committee (2014-2017)
- Admissions & Academic Policy Committee member – CAS representative (2014-2017)
- Information Technology Advisory Committee member – CAS representative (2014-2017)
- Teacher Education Committee - CAS representative (2014-2017)
- Faculty Senate, CAS Senator at-Large (2012-2014)
- Faculty Senate Professional Concerns Committee (2012-2014)
- Project FORCE Advisory Committee (2011-2015)
- Undergraduate Research Council (2012-2013)
- General Education Director Search Committee (2010-2011)

*College Activities:*

*Northern Kentucky University*

- College of Arts & Sciences (CAS) Budget Committee (2016-2017)
- CAS Strategic Plan Implementation Team (2016-2017)
- CAS Program Assessment Coordinator, (2015-2017)
- CAS Reappointment, Promotion & Tenure Policy Committee, **Chair** (2014-2016)
- CAS Strategic Investment Funds Award Committee, **Chair** (2014-2015)
- CAS Strategic Planning Committee (2014-2015)
- CAS Diversity Committee (2012-2014)
- Kentucky Center of Mathematics Executive Director Search Committee, **Chair** (2012-2013)
- CAS Outstanding Junior Faculty Awards Committee, **Chair** (2009-2010)
- CAS Collaborative Faculty & Student Project Grants Award Committee, **Chair** (2009-2010)
- CAS Chair Mentoring Committee, **Chair** (2009-2010)
- CAS Advising Committee (2005-2007)
- CAS Associate Dean Search Committee (2005)

*Departmental Activities:*

*Northern Kentucky University*

- Department RPT Committee (2005-2017)
- Mathematics Minor Committee, **Chair** (2012)
- Applied Mathematics Search Committee (2006-2007)
- Applied Math Curriculum Committee, **Chair** (2006-2007)
- Scholarship and Recruitment Committee (2001-2007), **Chair** (2005-2007)
- Computer Science Search Committee (2003-2004)
- Department Chair Search Committee (1997-1998, 2001-2002)

*Student-Related Activities:*

- Advisor to NKU Mathematics, statistics and computer science majors (2001-2017)
- Sponsored 18 students: 2002-2008 NKU Celebration of Student Research & Creativity
- COMAP Undergraduate MCM contest advisor (2002-2007)
- Sponsor of 3 student at Posters-on-the-Capital, Frankfort, KY, February, 2006 & 2008

*Mathematical Community Activities:*

- Refereed articles for *Mathematics Magazine*, August, 2001, May, 2003, and February, 2005.
- Organized special session: Teaching Mathematical Modeling, SIAM-SEAS Conference, Cullowhee, NC, April 2002.