

Education Research Expertise Cluster

Last updated January 2013

| College | Unit | First | Last | Expertise |
|----------------|---------------------|--------------|-------------|---|
| Education | Teaching & Learning | Randy | Boone | Educational Technology; Instructional Design; Assistive Technology |
| | | Kendall | Hartley | Open Learning Systems; Instructional; Design/Development; Internet and Education; Technology and Cognition/Learning |
| | | Neal | Strudler | Teacher Education (Development and Certification); Technology in Teaching and Learning |
| | | Janelle | Bailey | Science Education; Astronomy Education; Professional Development; Preservice Science Teacher Education; Evaluation |
| | | Tom | Bean | Literacy Education |
| | | Christine | Clark | Multicultural/Bilingual Education and Development; Urban and Teacher Education; Higher Education Diversity Leadership; White Identity Development |
| | | Hasan | Deniz | Science Education |
| | | Jesus | Garcia | Cultural Studies; Global Education; Hispanic Education; Social Studies Education; Textbooks |
| | | Cyndi | Giorgis | Children's Literature/Media; Literacy; Literacy and Culture; Literature; Writing |
| | | Howard | Gordon | Injury Epidemiology; Program Evaluation; Quantitative Data Analysis; Adult and Technical Education; Learning Styles; Meta- Analysis Research |

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| Karen | Grove | Educational Technology; Teacher Education - Development; Technology in Teaching and Learning |
| Steve | Grubaugh | Literacy Education |
| Sue | Hendricks | Writing Instruction; Evaluation; Mentoring; Reading; Reading Instruction; Teacher Characteristics |
| Greg | Levitt | Social Studies Education |
| Emily | Lin | International Comparative Studies; Instructional Processes/Learning; Teacher Education - Learning and Development; Program Evaluation |
| Jane | McCarthy | Teacher Education; Classroom Management; Cross-Cultural Studies; Indian Education; Rural Education; School Reform |
| Clifford | McClain | Career and Technical; Teacher (secondary, postsecondary and adult education); Education and Training Program Development |
| Marilyn | McKinney | Learning Communities; Pre-Service Teacher and Literacy Education; Collaboration; Teacher Research; Technology in Teaching |
| Travis | Olson | Mathematics Education; Grades 6-Undergraduate School Mathematics |
| Lois | Paretti | Elementary Education; Mentoring; Teacher Knowledge; Education (Field Experience) and Quality |
| Linda | Quinn | Curriculum; Distance Education; Instructional Design/Development; Teacher Knowledge and Education (Development) |

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| | | P.G. | Schrader | Educational Psychology; Experimental and Research Methodologies; Instructional Technology; Immersive Environments |
| | | Jeffrey | Shih | Assessment by Teachers; Longitudinal Studies; Mathematics Education; Program Evaluation; Research Design |
| | | Mary | Spalding | Classroom Assessment; Culturally Responsive Teaching; English Education; Holocaust Education; Teacher Education |
| | | Jian | Wang | Teacher Education; Teacher Learning and Mentoring; Comparative Studies of Mathematics Teaching and Learning |
| | | Shaoan | Zhang | Teacher Development; Secondary Education; Comparative Education |
| | | Micah | Stohlmann | Integrated Science, Technology, Engineering and Mathematics (STEM) Education; Mathematics; Education; Mathematical Modeling; Teacher Beliefs |
| Education | Educational Research, Cognition & Development | LeAnn | Putney | Qualitative Research and Evaluation; Action Research |
| | | Lisa | Bendixen | Personal Epistemology and Development |
| | | Alice | Corkill | Memory and Cognition; Working Memory; Intelligence; Interference; Metacognition |
| | | Joe | Crank | School Psychology; Children and Adolescents with Learning and Behavior Disorders/Disabilities; Child Maltreatment |

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| Eunsook | Hong | Creativity; Creative Thinking; Giftedness; Self-Regulation; Homework; Advanced Statistics; Research Method |
| W. Paul | Jones | Counseling and School Psychology |
| CarolAnne | Kardash | Learning Strategies; Text Recall and Comprehension; Undergraduate Research Experiences |
| Scott | Loe | School Psychology; School Wide Positive Behavior Support; Response to Intervention Models; School Psychology; Training Models |
| Nancy | Lough | Sport Marketing and Sponsorship; Leadership; Gender Equity; Title IX |
| Gwen | Marchand | Psychology of Motivation; Quantitative Methods; Social and Personal Factors that Influence Student Engagement |
| Mario | Martinez | State Higher Education Policy; Organizational Change; Innovation |
| Steve | McCafferty | Applied Linguistics, English Language Teaching and Acquisition, Gesture Studies, and Sociocultural Theory |
| Rebecca | Nathanson | Children with/without Disabilities in the Legal System |
| Kim | Nehls | Higher Education; Networking; Technology; Philanthropy |
| Michael | Nussbaum | Thinking and Discourse; Argumentation; Critical thinking; Science/Climate Change Education |

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| | | Lori | Olafson | Qualitative Methodologies; Teacher's Beliefs; Moral Reasoning |
| | | Ralph | Reynolds | Reading Assessment and Instruction; Program Evaluation; Human Learning |
| | | Vicki | Rosser | Faculty and Midlevel Administration Issues; Academic Governance |
| | | Gregory | Schraw | Statistics; Research Methods and Cognition; Metacognition; Situational Interest; Beliefs and Cognition |
| | | Doris | Watson | Community-Based Research; Pedagogy of Personal and Social Responsibility; Student Learning and Development |
| Education | Educational & Clinical Studies | Tom | Pierce | Special Education; Inclusive Education; Severe Disabilities; Intellectual Disabilities |
| | | Larry | Ashley | Combat Trauma; Post Traumatic Stress Disorder; Addictions; Co-Occurring Disorders |
| | | Randall | Astramovich | Counseling Program Evaluation; Counselor Education; Chinese Education and Society; Higher Education; Human Rights; Multicultural Education |
| | | Jesse | Brinson | Community and School Counseling; Counselor Education; Family Issues; Multicultural Education; Multiculturalism; Social Issues in Development |
| | | Nancy | Brown | Special Education and Teaching |
| | | Cynthia | Carruthers | Well-Being |

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| John | Filler | Early Childhood Special Education; Inclusion Strategies; Development of Social Skills in Children with Disabilities |
| Jeffrey | Gelfer | Special Education; Child Development; Early Childhood Education; Inclusion; Portfolio Assessment; Parent and Family Education |
| Katrina | Harris | Self-Advocacy in School Counseling; Multicultural Mentorship; Homeless Youth |
| Wendy | Hoskins | School Counseling; Pedagogy in Counseling; International Counseling Practices and Education; Mental Health |
| Catherine | Lyons | Early Childhood Education and Special Education; Inclusive Practices |
| Susan | Miller | Learning Disabilities; Learning Strategy Instruction; Mathematics Interventions for Students with Disabilities |
| Joseph | Morgan | Special Education for Students with High Incidence Disabilities; Preparation of Teachers to Work with Students with High Incidence Disabilities; Academic Social Skills for Students with Emotional and Behavioral Disorders; Access to the General Education Curricula and Technology to Support Students with High Incidence Disabilities |
| Dale-Elizabeth | Pehrsson | Mentorship; Professional Development and Social Caring in Counselor Education; Bibliotherapy; Therapeutic Storytelling; Creative Interventions |

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| Maria | Ramirez | Second Language Pedagogy; Second Language Literacy and Acquisition |
| Nancy | Sileo | Infancy/Early Intervention; Early Childhood Education and Special Education |
| Shannon | Smith | Social Advocacy and Diversity; Multiculturalism in Counseling and Education; Counselor Education; Human Rights; Mental Health; Poverty |
| Sherri | Strawser | Special Education; Assessment Issues; Heterogeneity of Learning Disabilities; Homelessness and Disability |
| Michelle | Tannock | Early Childhood Education; Rough and Tumble Play; Social Interactions in Early Childhood Settings |
| Glenn | West | |
| Peggy | Whitby | Autism Spectrum Disorders; High Functioning Autism and Asperger Syndrome; Academic Achievement and Mathematics |
| Joshua | Baker | Autism; Intellectual Developmental Disabilities; K-12 Education; Post-Secondary Education; Higher Education |
| Tracy | Spies | English Development of English Language Learners; Dual Language/Bilingual Programs; Administration of Dual Language/Bilingual Programs |
| Kyle | Higgins | Special Education; Behavioral Disorders; Learning Disabilities; Technology in Special Education; Gifted Education; Common Core Standards |

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| Education | Ed Psych & Higher Education | Tara | Raines | Disproportionality in Special Education Placement; Screening for Behavioral and Emotional Risk; Universal Screening in Schools; Interventions for Behavioral and Emotional Disorders; Assessment of Bilingual (Spanish) Speaking Populations for Special Education Services; Culturally Appropriate Academic and Social/Emotional Interventions |
| Engineering | Electrical and Computer | R. Jacob | Baker | Design flow and Techniques for Fabricating Safe and Secure (trusted) Integrated Circuits; Investigating 3D Packaging and Capacitive Interconnects to Reduce Power Consumption in Semiconductor Memories; Chip-Scale Methods to Implement Chemical and Biological Sensors using CMOS; Design of Readout Integrated Circuits (ROICs) for use with Focal Plane Arrays (FPAs); Heterogeneous Integration of III-V Photonic Devices with CMOS; Analog and Mixed-Signal Circuit Design for Communication Systems, Synchronization, and Data Conversion; Design of Writing and Sensing Circuitry for Emerging Nonvolatile Memory Technologies, Focal Planes, and Displays (arrays); Re-Configurable Electronics Design using Nascent Memory Technologies; Finding an Electronic (no mechanical component) Replacement for the Hard Disk Drive using Nascent Fabrication Technologies; Methods to Deliver Circuit Design Education to Industry and Off-Campus Students |
| Fine Arts | Music | Cheryl | Taranto | Music Librarian; Music History (American Music); Information Literacy for Music; Musicology in General; Teaching Critical Thinking Skills; Information Literacy; Library and Research Methodology Instruction |

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| | | Timothy | Hoft | Music; Classical Music; Piano; Performance; Collaborative Piano; Chamber Music; Accompanying; 20th/21st Century Music; Harpsichord; Music Pedagogy; Music Theory; Piano Literature |
| Fine Arts | Art | Brent | Sommerhauser | Fine Art; Sculpture; Glass Forming; Art Handling |
| Greenspun Urban Affairs | School of Environmental and Public Affairs | James | Crawford | Alternative Education; Governance of Charter Schools; Teacher Empowerment |
| | | Anna | Lukemeyer | Education Finance and Policy; Social Policy; Research Methods; Administrative Law |
| | | Cecilia | Maldonado-Daniels | Workforce Education and Development; Human Resource Development; Latino Educational and Workplace Issues |
| | | Edith | Rusch | Leadership Education; Critical Feminist Theory; Institutional Theory; Organizational Development; Facilitation of Complex Change |
| Greenspun Urban Affairs | Criminal Justice | Emily | Troshynski | Causes and Consequences of Violent Crime; Violence Against Women; Women and the Criminal Justice System; Human Trafficking; Sex Offender Legislation and Policy; Rehabilitation; Community Reintegration; Surveillance Technology; Global Positioning Systems (GPS); Privacy |
| Greenspun Urban Affairs | Communication Studies | Sara | VanderHaagen | Rhetorical studies |
| Liberal Arts | Interdisciplinary Degree Programs | Tanachai | Padoongpatt | Immigration; Race and Ethnicity; Urban/Suburban Communities; Food and Leisure Culture |
| Liberal Arts | Foreign Languages | Mary | Ashcraft | International Tourism |

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| | | Elena Gandia | Garcia | Teaching Spanish as a Foreign Language; Translation and Interpreting |
| | | Domingo | Palma-Moya | English-Spanish-English Translation (not interpretation); Translation Studies; Translation Theory; Cultural Studies; Spanish Language; Spanish Teaching; Latin American Literature |
| Liberal Arts | Academic Success Center | Katharine | Johnson | |
| | | Ryan | Theroux | |
| Libraries | Library | Erin | Rinto | Information Literacy Instruction; Learning Theory; Curriculum Design; Assessment; Educational Reform |
| | | Jeanne | Brown | Information Literacy Instruction; Academic Assessment; Library Assessment |
| | | Darcy | Del Bosque | Social Media and Reference Services within Librarianship |
| | | Jennifer (Jen) | Fabbi | Information Literacy Instruction; Undergraduate Education; Academic Assessment; Embedded Librarianship; First-Year College Student Transition; Organizational Development; Children's Literature |
| | | Stephen (Steve) | Fitt | |
| | | Lateka | Grays | |
| | | Patrick | Griffis | Business Plan Research; Exporting Plan Research; Business Information Resources; Library Outreach to Business Communities |

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| Patricia (Patty) | Iannuzzi | Information literacy; Research-Based Learning; Undergraduate Education; Faculty Development; Outcomes-Based Assessment; Academic Library Administration |
| Cory | Lampert | Digital Libraries and Digitization with focus on Cultural Heritage Material; Digital Asset Management; Project Management; Metadata Management; Copyright for Digitization |
| Victoria (Vicki) | Nozero | |
| Katherine (Kathy) | Rankin | Cataloging of Maps and Special Collections Material; Map Digitization |
| David (Dave) | Schwartz | |
| Susie | Skarl | |
| Scott | Smith | |
| Caroline | Smith | |
| Silvia | Southwick | |
| Mary K. (Kate) | Wintrol | Critical Thinking; Historical Representation in Films and Ancient Athletics |
| Anne | Zald | Information Literacy; Teaching the Research Process; Active Learning Pedagogies; Student Learning Assessment; Management and Assessment of Library Instruction Programs; Collaboration in Higher Education |

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| | | Xiaoyin | Zhang | Accounting and Budgeting; Acquisitions; Collection Development and Management |
| School of Allied Health Sciences | Physical Therapy | Szu-Ping | Lee | Physical Therapy; Sports Medicine; Biomedical Engineering; Rehabilitation; Athletic Equipment Design and Testing |
| School of Community Health Sciences | Health Care Administration & Policy | Olena | Mazurenko | |
| School of Dental Medicine | | Judith | Skelton | Dental Outreach and Engagement |
| | | Philip | Walter | Early, Parent/Legal Care-Giver; Perinatal Oral Health Education and Prevention to the Mothers of the Underserved Population; Preventive Oral Health Therapy with the Emergence of the Infant's First Primary Teeth; Nutritional Education |
| School of Law | | Mary | Berkheiser | Clinical Legal Education and Teaching; Juvenile Law |
| | | Robert | Correales | Employment Discrimination Law; Employment Law; Tort Law; Worker's Compensation; Products Liability; Education; Disability Law |
| | | Kay | Kindred | Children and the Law; Contracts; Education Law; Family Law; Remedies |
| | | Sylvia | Lazos | Constitutional Law; Critical Race Theory/LatCrit Theory; Urban Education K-12 Reform; Judiciary; Immigration Policy; Race and Law |
| | | Jeanne | Price | Information Policy; Research Methods |

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| | | Anne | Traum | Appellate Law; Clinical Legal Education and Teaching; Criminal Law; Criminal Procedure; Habeas Corpus; Sentencing |
| School of Nursing | | Victor | Vapor | Critical Care Nursing; Trauma Nursing; Nursing Education; Medical-Surgical Nursing; Advanced Practice Nursing |
| Sciences | School of Life Sciences | Megan | Litster | Science Education |
| | | Joseph | Nika | Education; Pre-Health Advising |
| | | Kurt | Regner | Microbiology Education; Undergraduate Research |
| | | Jennifer | Utz | Human Anatomy and Physiology; Comparative Animal Physiology; Thermal Biology; Science Education |
| Sciences | Geoscience | Margaret | Rees | Sedimentology; Stratigraphy; Feminist Geoscience Education |
| | | Joshua | Bonde | Paleontology and Taphonomy of Organisms |
| Sciences | Chemistry | MaryKay | Orgill | Chemical Education |
| | | Hui | Zhang | |