

Taylor University

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Celebration of Scholarship

Campus Events

4-26-2019

2019 Celebration of Scholarship: Celebrating the Scholarly Community

Taylor University

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TAYLOR
UNIVERSITY

Celebration of Scholarship
Celebrating the Scholarly Community

April 26, 2019

Welcome to
Taylor University's 2019 Celebration of Scholarship

As we come to the end of the academic year, the Celebration of Scholarship provides an opportunity for faculty and students to share the work they have accomplished. Whether through internal funding from the Faculty Mentored Undergraduate Scholarship (FMUS) program or the Women's Giving Circle (WGC), or during capstone projects, faculty mentors guide, encourage, and develop students' knowledge and skills.

The intellectual growth that occurs naturally expands to professional, personal, and spiritual mentoring, the core of Taylor University's Christian liberal arts education.

Academic work includes the review of our peers and colleagues making you a part of this process. Listen to the faculty panels, listen to a student performance, ask a student questions about their poster or oral presentation, and consider how you are an essential part of this process. How might what you hear or see today grow your knowledge of literature, physics, music, or chemistry? How might your questions challenge a student (or faculty member) to think about what they already know in a different way? How might their answer challenge you to think about what you know in a different way? Throughout the day, I hope you see or hear something that inspires you to learn more.

Please join us in Celebrating the Scholarly Community!

Susan D. Gavin

Sue Gavin
Director, Sponsored Programs

Presentations

April 26th:

Performance Recitals

Faculty Panels

Student Oral Presentations

Poster Presentations*

Varying Dates:

Department Presentations

Art Shows

Communication Presentations & Shows

Music Recitals

Theatre Performances & Presentations

Faculty Publications & Presentations

*Refreshments will be served on the second floor of the Boren Center during the Poster Presentations.

Performance Recitals

Butz Carruth Recital Hall

12:00PM Student Music Recitals

Faculty Panels

Cornwall (Room 103)

2:00PM Opening Remarks, [Dr. Barb Bird](#) - Facilitator

2:05PM *Scholarship of Application*

The Advent Project 2018, [Rachel Smith](#)

The Genesis of Double Entry Bookkeeping, [Eric Hernandez](#)

A compilation of musical theater songs that demonstrated the diversity in American Broadway musicals over the past seventy years, [Conor Angell & Clifton Davis](#)

2:30PM *Scholarship of Integration*

Emotions in the Stock Market, [Jackson Shen](#)

Creating Shalom: Using Hospitality in our Classroom to Develop Right Relationships, [Carol Sisson](#)

2:55PM *Scholarship of Teaching and Learning*

George MacDonald: Text and Context, [Ashley Chu & Joe Ricke](#)

Integrated TGA, FTIR, and Computational Laboratory

Experiment, [Brandon Magers](#)

Metacognition in Undergraduate Biology Education: Learning to

Learn Best Educational Practices, [John Moore](#)

Loss of the Nutrient Sensor TAS1R3 Leads to Reduced Bone Resorption, [Brian Dewar](#)

Oral Presentations

Rupp (Room 104)

3:30PM Exploring Gardening Methods and Food Systems in Grant

County, [Jennifer Nelson & Claire Rush](#)

Environmental Science, Public Health & Sustainable Development,
Faculty Mentor: [Philip Grabowski](#)

3:45PM Development of Chemistry Activities for Local Outreach in

STEM, [Emily Knight](#)

Chemistry & Biochemistry, Faculty Mentor: Patricia Stan

4:00PM The Taylor University George MacDonald Hamlet Manuscript:

Text and Context, [Kendra Smalley & Caleb Hoelscher](#)

English, Faculty Mentors: Joe Ricke & Ashley Chu

4:15PM WORDshop 2018: Implementing and Assessing a Youth Writing

Camp at Taylor University, [Hannah Perry](#)

English, Faculty Mentor: Carrie King

Rupp (Room 203)

- 3:30PM Romance in Short-Term Missions, [Cheyenne King](#)
Anthropology, Faculty Mentor: Robert Priest
- 3:45PM Designing Short Term Missions Orientations to Support Participant Learning, [Peyton Nill](#)
Anthropology, Faculty Mentor: Robert Priest
- 4:00PM Geographies of Resistance: The Free Black Pioneer Settlement of Weaver and the Underground Railroad, [Amanda Fleischmann](#)
Anthropology, Faculty Mentor: Robert Priest
- 4:15PM Topology: It's Notty & Nice, [Ellie Grace Moore & Sam Skinner](#)
Mathematics, Faculty Mentor: Daniel Rodman

Rupp (Room 222)

- 3:30PM Numerical Range of Toeplitz Matrices over Finite Fields
[Maddison Guillaume & Amish Mishra](#)
Mathematics, Faculty Mentor: Derek Thompson
- 3:45PM Higgs Physics, [Hoback Fisher & Caleb Holleman](#)
Physics & Engineering, Faculty Mentor: Kenneth Kiers
- 4:00PM Fruit Fly Wings, Wavy Hairs, and Kidneys: Structural Dynamics of *Drosophila* Planar Cell Polarity, [Lindi Moore](#)
Biology, Faculty Mentor: Jessica Vanderploeg
- 4:15PM Screening for Novel PCP Proteins, [Han Chang](#)
Biology, Faculty Mentor: Jessica Vanderploeg

Poster Presentations

Boren Center (First & Second Floors)

Biblical Studies, Christian Ministries & Philosophy

Sacred Roots Thriving In Ministry: Equipping Under-Resourced Urban and Rural Ministry Leaders, [Lucas Hagen](#)
Faculty Mentor: Hank Voss

Chemistry & Biochemistry

Halogenated Warfarin Derivatives Bound to Blood Serum Albumin
[Erica Mitchell](#)
Faculty Mentor: Brandon Magers

Communication

The Opioid Epidemic: A Problem in our Neighborhood
[Aubree DeVisser, Hannah Leystra, Nate Phillips & Raquel Pratas](#)
Faculty Mentor: Donna Downs

Computer Science & Engineering

How Accurately Can a Convolutional Neural Network Determine a Dog's Breed, [Benjamin Fritzeen](#)
Faculty Mentors: Jon Denning & Art White

Profile Guided Optimization for Dynamic Memory Allocation, [Jake Masters](#)
Faculty Mentor: Jon Denning

Studying Interactive Interfaces in Virtual Reality, [Ryan Jones](#)
Faculty Mentor: Jon Denning

The Effectiveness of Self-Directed Text Memorization Efforts Compared to Those Guided by an Intelligent Coach, [Connor Wagner](#)
Faculty Mentors: Stefan Brandle & Jon Denning

Environmental Science, Public Health & Sustainable Development

Impacts of Herbicide Application on the Establishment of Interseeded Forbs in a Tallgrass Prairie Restoration,
[Stanley Gilbert, Robert Reber, Paul Rothrock & Adam Thada](#)

Kinesiology

A Comparison of HIIT Rowing and Cycling on VO2max in College Students, [Emma Rudd & Kaleigh Edwards](#)
Faculty Mentor: Dawn Anderson

Acute High Intensity Interval Training Improves Motor Skill Acquisition
[Elizabeth Bjornsen](#)
Faculty Mentor: Brad Kendall

Comparison of Land vs. Aquatic Plyometric Training on Vertical Jump Height in Collegiate Basketball Players
[Kendall Bradbury, Caitlin Jacques & Aubrey Wright](#)
Faculty Mentor: Dawn Anderson

Effects of Pre-Exercise Static-Stretching on Muscular Strength and Endurance, [Jordan Bostick, Josh Fuder, Evan Guckenberger & Collin Stump](#)
Faculty Mentor: Matthew Renfrow

Impact of Exceptionally Long Rest Interval Length on Muscular Strength
[Sara Malliet & Andrea Rose](#)
Faculty Mentor: Matthew Renfrow

The Effects of Acute Treadmill Walking on Motor Skill Acquisition in Middle-Aged Adults, [Jonathan Kelley & Molly Pile](#)
Faculty Mentor: Brad Kendall

The Effects of Balance-specific Trampoline Training and a Walking Program on the Balance and Cardiovascular Fitness of the Elderly
[Sara Bergen & Rachel Breuer](#)
Faculty Mentor: Brad Kendall

The Feasibility of a Worksite Wellness Program at a Small Local Company: A Pilot Study, [Lakeisha Johnson & Darby Shaw](#)
Faculty Mentor: Matthew Renfrow

Physics & Engineering

Inexpensive Cluster System & the Advantages of Freshman Research
[Carson Deckard & Collin Lehrian](#)
Faculty Mentor: Josiah McClurg

Psychology

Impact of Explicit Habits of Mind Pedagogy on Growth in Student Thinking, [Mackenzie Batson, Natalie Bluemel, Briana Callahan, Angelique Celaya, Olivia Hockett & Emily Zilz](#)
Faculty Mentor: Stephen Snyder

— Department Presentations —

Art Shows

Senior Illustration Exhibition (November 29, 2018)
[Kate Lindsay](#)
Graphic Arts, Faculty Sponsor: Ryan James

Senior Design Exhibition (November 30, 2018)
[Abigail Roth](#)
Graphic Arts, Faculty Sponsor: Ryan James

Senior Thesis Exhibition (February 8, 2019)
[Shuyi He](#)
Studio Art, Faculty Sponsor: Jeremie Riggelman

Vigeo (March 1, 2019)
[Janie Ellingsen](#)
[McKenna Gartzke](#)
[Abbey Niemi](#)
[Hannah Tolentino](#)
Art Education & Pre-Art Therapy, Faculty Sponsor: Kathy Herrmann

Uncovered (March 29, 2019)

Zachariah Bassett
Mark Burnett
Michael Davisson
Margie Crosby
Haley Heath
Caroline Kauffman
Kylie McCloughan
Hailey Smith
Naomi Swing
Kristen van Gilse
Emily Voth

Graphic Arts, Faculty Sponsor: Ryan James

Communication Presentations & Shows

Senior Paper Presentations (April 27, 2019)

Closed to the public

Senior Show and Awards Ceremony (May 6, 2019)

Megan Alms	Kayla Houvenagle	Braden Ochs
Kevin Anderson	Theresa Hughes	Katie O'Connor
Chris Arpin	Carson Jacobs	Raquel Pratas
Megan Burkhart	Chrysa Keenon	Abigail Roberts
Gabby Carlson	Abbie Kessler	Plenseh-Tay Sakeuh
Becca Eis	Lenna Klein	Connor Salter
Jaci Gorrell	Brianna Kudisch	Hanna Smith
Jori Hanna	Ari Lemont	Carly Wheeler
Grace Hooley	Elijah Oates	

Music Recitals

Senior Recital (March 7, 2019)

Hasun Yoo, violin

Senior Voice Recital (March 31, 2019)

Ty Kinter, tenor

Student Voice Recital (April 14, 2019)

Senior Lauren Vock, mezzo-soprano
Junior Analiese Helms, soprano

Senior Recital (May 4, 2019)

Ethan Garratt, percussion

Senior Recital (May 5, 2019)

Josh Grube, composition

Senior Voice Recital (May 12, 2019)

Lindsay Couvion, mezzo-soprano
Paige Kennedy, soprano

Student Recital (May 12, 2019)

Senior Kelly Gruendyke, piano
Junior Steven Christophersen, clarinet

Theatre Performances & Presentations

Bradley Jensen directs *The Glass Menagerie* (May 10, 2019)

Emma Wagoner directs *Hello, Out There* (May 10, 2019)

Lauren Vock directs *Hard Candy* (May 10, 2019)

Susannah Quinn directs *The Effect of Gamma Rays on Man-in-the-Moon Marigolds* (May 11, 2019)

John Broda and Ty Kinter each present a Musical Theatre showcase (May 11, 2019)

Emma Wagoner presents an oral defense of her Stage Management work with *The Mousetrap* (May 11, 2019)

–Faculty Publications & Presentations

Anthropology

Bob Priest and his students' presented their work, *The History and Legacy of a Black Abolitionist Settlement and its Descendants in Grant County* to Marion Public Library Staff.

Art, Film & Media

John Bruner narrative short film, *Grounded* was an official selection at the Maryland International Film Festival, the Woods Hole Film Festival, the Great Lakes International Film Festival and the Independent Shots Awards. It has also been accepted for screening and critique at the University Film and Video Association Annual Conference in Las Cruces, New Mexico. The film has also screened at Fort Myers Beach International Film Festival, Independent Shorts Awards (Best Narrative short), Canada Shorts (Award of Merit), Austin Indy Fest Great Lakes Int'l Film Festival, Short and Sweet Film Festival, and Great Lakes Shorts Festival.

John Bruner presented a critique of the film, *Blind Ambition*, at the University Film and Video Association Conference in New Mexico.

Cathy Bruner "Catherine Booth: Disturbing the Present to Promote Gender Equality," chapter co-authored with Ken Baillie in *Words and Witnesses: Communication Studies in Christian Thought from Athanasius to Desmond Tutu*, Hendrickson Publishers, Sept 2018.

Cathy Bruner Broadcast Education Association panel, Las Vegas, NV - April 2018 - "Best Practices in Documentary Storytelling" Presentations about documentary film "Last Year at the Crossing" at

- Arts & Entertainment Ministries Conference, Los Angeles - October 2018
- Indiana Wesleyan University - February 2019 Film Screenings: "Last Year at the Crossing" documentary film
- Official Selection - DocLAHOMA Film Festival, Oklahoma city - July 2018
- Official Selection - Great Lakes International Film Festival - Sept. 2018
- Official Selection - Big Sky Documentary Film Festival, Missoula, MT - February 2018

- Official Selection - University Film & Video Association Faculty Festival, Las Cruces, NM - July 2018
- Official Selection - Broadcast Education Association's Festival of Media Arts, Las Vegas, NM - April 2019
- Taylor University Foundations of the Liberal Arts class, Upland, IN - November 2018
- Indiana Wesleyan University Globe Theatre, Marion, IN - January 2019

Rachel Smith served as Visual Art Curator of *The Advent Project 2018*, for the Center for Christianity, Culture and the Arts (CCCA) based at Biola University.

Laura Stevenson participated in Matter & Spirit: A Seminar in Contemporary Chinese Art and Society held in China in June 2018. In March 2019, four of Laura's artworks created in response to the seminar were selected by the Matter & Spirit jury to be a part of a four-year traveling exhibition.

Biblical Studies, Christian Ministries & Philosophy

Jenny Collins presented a workshop titled "Preparing STM Leaders to Reduce Risk and Respond Well in Crises" at the Missio Nexus National Mission Leaders Conference, Orlando, FL, Sept. 21

Jenny Collins presented a workshop titled: "Making Mission Trips Better: STM Best Practices through the Lens of the Standards of Excellence" at the International Conference on Missions, Cincinnati, OH, Nov. 17, 2018.

Jenny Collins presented a paper "A Theological Case for Bringing Together Evangelism Champions and Justice Advocates: We are Better Together amid Global Crises" at the Evangelical Missiological Society North Central Regional Conference at Trinity Evangelical Divinity School, March 16, 2019.

Michael Harbin had the following book review published: Kathryn Applegate and J. B. Stump, editors, *How I Changed My Mind About Evolution: Evangelicals Reflect on Faith and Science*, Downers Grove: IVP Academic, 2016, in *Journal of the Evangelical Theological Society*, 61:2 (June 2018), 419-423.

Michael Harbin presented a paper, "A Widow in Need is a Widow Indeed: Exploring the Distinctions Between Categories of Widows in Old Testament Law," Evangelical Theological Society Annual Meeting, Denver, Colorado, November 2018.

Michael Harbin published "A Tale of Two Henries: Why the Reformation Failed in Ireland," *Fides et Historia*, 50:2 (Summer/Fall 2018) 124-138.

Michael Harbin book review: Cynthia Long Westfall and Bryan R. Dyer, eds., *The Bible and Social Justice: Old Testament and New Testament Foundations for the Church's Urgent Call*, (Eugene Oregon: Pickwick Publications, 2015) *Review of Biblical Literature*, <http://www.bookreviews.org> (2018).

Michael Harbin book review: P. M. Michèle Daviau, and Margreet Steiner, *A Wayside Shrine in Northern Moab: Excavations in Wadi ath-Thamad*, (Oxford: Oxbow, 2017), in *Near Eastern Archaeological Society Bulletin*, (2018), 29-30.

Michael Harbin book review: Loren T. Stuckenbruck, *The Myth of Rebellious Angels*, Grand Rapids, MI: Wm. B. Eerdmans Publishing Co., 2017. (Originally printed Tübingen: Mohr Siebeck, 2014), in *Near Eastern Archaeological Society Bulletin*, (2018), 35-37.

Greg MaGee authored *Studying Paul's Letters with the Mind and Heart* published by Kregel Academic (summer 2018).

Joseph Pak a book review of *The Letter to the Hebrews* by Jon C. Laansma. Eugene, OR: Cascade Books, 2017 in *Journal of the Evangelical Theological Society*, vol. 61, no. 3 (September, 2018), 660-663.

Joseph Pak "Self-Deception in Theology," *Themelios*, vol. 43, issue 3 (December, 2018): 405-16.

Joseph Pak "An Examination of 2 Peter 1:19-21 and Its Implications for Understanding the Inspiration of Scripture," *Estudios Bíblicos*, vol. 76, no. 3 (September-December, 2018), 385-409. Co-authored with Nicholas Dodson.

Mike Severe *Empowering Teen Vocation: The Effect of Theological Inquiry on Christian Identity and Vocational Articulation among Urban Youth*. Severe, Michael K. (October 27, 2018).

Mike Severe *Breakout Ministry: How Transformational Leaders Align the Practices of Organizational Change with Ministry Values*. Severe, Michael K. (October 26, 2018).

Jim Spiegel presented a lecture at Hillsdale College, "Celebration and Betrayal: Martin Luther King's Case for Racial Justice and our Current Moral Dilemma" and "Civil Public Discourse and the Virtue of Open-mindedness"

Jim Spiegel keynote address "The Gospel and Social Justice" at the Gospel and Social Justice Conference in Fort Worth, Texas (November 9, 2018)

Jim Spiegel presented "The Virtue of Open-Mindedness: Benefits and Risks" at the national meeting of the Evangelical Philosophical Society in Denver, Colorado (November 13, 2018)

Jim Spiegel publication *Open-mindedness and Disagreement Metaphilosophy*, 50:1-2, (January, 2019)

Biology

John M. Moore and Jeff Regier Poster presentation: Advanced Placement Read in Kansas City June 15, 2018. *Science as a Way of Knowing: Understanding the Nature of Science* Poster on NAS 201 Nature of Science at Taylor University.

John M. Moore HHMI Educators Professional Development Conference July 26, 2018 *Use of BioInteractive Materials in Teaching an Evolution Course at an Evangelical Institute*. Poster on BIO 345, Evolution and the Nature of Science.

John M. Moore presented “Metacognition in Undergraduate Biology Education: Learning to Learn Best Educational Practices” at Baylor University’s Graduate Students Learning Assistants Program.

John M. Moore gave three sessions at the National Association of Biology Teachers National Professional Development Conference November 8-11 meeting in San Diego CA

- “Developing and Using Mini Case Studies to Accompany HHMI BioInteractive Resources.” 4-hour workshop on developing Story-Lines to enhance student engagement and learning.
- “Teaching of Cell Respiration and Photosynthesis Does Not Have to Be Difficult.” 75 minute Presentation on developing and using Modeling in student learning of difficult abstract science concepts.
- “Learn, Create, Revise, Repeat: A Session on How to Build Quality Clicker Questions for Biology Courses Using Evidence-Based Best Practices.” 75 minutes session on developing ‘Clicker’ questions for discussion and metacognition.

Jan Reber (2018). Response to What is God’s Good Future? Right Relationships with *All Things Christian Higher Education* 17(5), 314-318 doi: 10.1080/15363759.2018.1500815

Jessica Vanderploeg 2018 Moore, L., Chang, H., Hord, A., Chang, W., and Vanderploeg, J. *Pointing us in the right direction: A genetic approach to studying frizzled-independent planar cell polarity*. Presentation at the Midwest Drosophila Conference (Allerton, IL)

Jessica Vanderploeg 2018 Moore, L., Vanderploeg, J. *Fruit fly research: Structural dynamics of Drosophila planar cell polarity*. Student presentation at the West Michigan Regional Undergraduate Science Research Conference (Grand Rapids, MI)

Jessica Vanderploeg 2018 Chang, H., Hord, A., Chang, W., and Vanderploeg, J. *PCP localization and screen for novel PCP proteins*. Student presentation at the West Michigan Regional Undergraduate Science Research Conference (Grand Rapids, MI)

Business

Mick Bates, Josiah Hubbard (Mountain of Dreams, Costa Rica), and Jeff Sherlock served on a panel discussing how business academics can support Business as Mission endeavors at the Business as Mission Conference in Philadelphia. (September 22)

Mick Bates, Carla Donaldson (California Baptist University), and Jeff Sherlock presented “Redemptive Power of Business in Love” at the Christian Business Faculty Association, Chattanooga, TN (October 5)

Jackson Shen Griffith, J. M., Najand, M., Shen, J. (2018). Does the Market Believe White Knights and Hostile Bidders are acting in Their Shareholders’ Interest? *Journal of Accounting and Finance*, 18(8). 32-45.

Jackson Shen Griffith, J., Najand, M., & Shen, J. (forthcoming) Emotions in the Stock Market, *Journal of Behavioral Science*

Jeff Sherlock and Newman Crook (the Chapel) gave lectures on “Starting a Business: 10 Essential Concepts for Long-Term Success” at Xi’an Jiaotong University, Northwest University of Politics and Law, and Xi’an International Studies University, Xi’an, China (October 23-24).

Jeff Sherlock and Garry Sedun (Greenlight Power Technologies) gave a lecture on “What To Know If You’re Going to Go ... International” at Xi’an Jiaotong University, Xi’an, China. (October 24)

Jeff Sherlock gave a lecture and led a discussion on Business as Mission with approximately 70 Chinese pastors and business leaders, Xi’an, China (October 26).

Chemistry& Biochemistry

Brandon Magers Andrew T. Pemberton, D. Brandon Magers, and Daniel A. King, "Integrated TGA, FTIR, and Computational Laboratory Experiment" *J. Chem. Educ.* DOI:10.1021/acs.jchemed.8b00607

Brandon Magers Magers, D. B.; Magers, A. K.; Magers, D. H. The s-Homodesmotic Method for the Computation of Conventional Strain Energies of Bicyclic Systems and Individual Rings Within These Systems. *Int. J. Quantum Chem.* 2019, 119 (8), e25864.

Brandon Magers "Halogenated warfarin derivatives bound to blood serum albumin", Erica Mitchell, L. Clare Bishop, Eric Munyaneza, D. Brandon Magers, Edward J. Valente, Kelley M. Bishop, G. Reid Bishop; poster presentation at 257th National Meeting of the ACS, April 1, 2019, Orlando, FL.

Patricia Stan (2018). Poster: Development of Chemistry Activities for Local Outreach in STEM Emily Knight, Dr. Patricia Stan

Communication

Julie Borkin (2019). Conference presentation on "Gamification Pedagogy in Higher Education: Incentivized Learning Lessons for Faculty, Staff, and Students" at Technology and Citizenship: Examining Citizenship and Technology in Higher Education at Wayne State University's Center for Citizenship Conference, Detroit, MI

Zackery Carter Internet Infidelity: Today's Blind-Spot Threat to Marriage. Christian Association of Psychological Studies International Conference. Dallas, Texas. Seminar Presentation. March, 2019.

Zackery Carter "Facebook Cyberinfidelity and The Online Disinhibition Effect: The Phenomenon of Unconscious Marital Detachment; Extramarital Attachment." *Journal of Psychology and Christianity.* In press. (Spring, 2019).

Zackery Carter "Emotional and Sexual Facebook Communication Habits of Married Men with the Opposite Sex: The Damaging Marital Effects of Facebook Cyberinfidelity." *Journal of Psychology and Christianity.* Volume 37, No. 2, 153-161. (Aug. 2018)

Computer Science & Engineering

Jon Denning presented a workshop at Blender Conference, Amsterdam in October 2018.

Tom Nurkkala was keynote speaker at the International Conference on Computing and Missions (2017-18). He delivered three addresses on the theme "Wisdom for Techies: Ancient and Modern".

Education

Carol Sisson presented at the International Christian Community for Teacher Education (ICCTE). Topic: Creating Shalom: Using Hospitality in our Classrooms to Develop Right Relationships

English

Barbara Bird, Doug Downs, I. Moriah McCracken, and Jan Rieman, 2019. *Next Steps: New Directions for/in Writing About Writing.* Utah State University Press.

Carie King "How Can I Know Enough About Grammar to Teach It? The Role of Grammar Pedagogy in English Teacher Training Programs." Presentation at Indiana College English Association. University of Indianapolis. 19 October 2018.

Carie King "Undergraduate Writing Programs in Liberal Arts Colleges: Understanding The Role of The English Department." Presentation at Association of Rhetoric and Writing Studies. Austin, Texas. 12 October 2018.

Lorne Mook delivered a paper, "Not Mad Though Called Mad: Mobile Resistance to Narrative Expectations in Beppo and Don Juan," at the International Byron Conference in Ravenna, Italy in July 2018.

Julie Moore gave a poetry reading and offered Writing Center consulting at Sterling College.

Julie Moore *Englewood Review of Books* (August, 2018) published a favorable review of Moore's new book of poems, *Full Worm Moon*, and reprinted her poem "Lament."

Julie Moore "Baseball" was featured on ERB's website: <http://englewoodreview.org/julie-moore-baseball-poem/#more-22498>.

Joe Ricke and Ashley Chu "Remembrance and Response: George MacDonald and the Blank Page." Paper presented at the Interdisciplinary Nineteenth Century Studies Conference, Dallas, TX. March 2019.

Joe Ricke and Ashley Chu "'Not Marble Nor the Gilded Monuments': George MacDonald, The New Shakespeare Society, and Monumental Shakespeare." Paper presented at the Interdisciplinary Nineteenth Century Studies Conference, Dallas, TX. March 2019.

Joe Ricke, Ashley Chu, Kendra Smalley, Kaylen Dwyer & Caleb Hoelscher. "George MacDonald: A Timeline of Lectures and Performances, 1855-1891." *North Wind: A Journal of George MacDonald Studies*. Forthcoming, 2019 Volume.

Joe Ricke and Ashley Chu, Editors. *The Faithful Imagination: Proceedings from the 2018 Lewis & Friends Colloquium*, Winged Lion Press, 2019. Forthcoming, June 2019

English Language Teaching

Geoff Hoffman presented "A Case Study of Four First and Second Level Mandarin Immersion Program Students: Examining Investment in the Target Language Towards Global Competence." at the ICLCLE (International Conference on Literacy, Culture and Language Education) at Indiana University in Bloomington.

Kirsten T. Regier officially finished the Ph.D. in June 2018. Her dissertation was titled "*Duration modulation in English and Spanish vowels: Dynamic time warping as a tool for acoustic phonetics.*"

Environmental Science, Public Health & Sustainable Development

Bob Aronson Rhodes, S.D., Tanner, A.E., Mann-Jackson, L., Alonzo, J., Siman, F.M., Song, E.Y., Bell, J., Irby, M.B., Vissman, A.T., Aronson, R.E. (2018). Promoting Community and Population Health in Public Health and Medicine: A Stepwise Guide to Initiating and Conducting Community-engaged Research. *Journal of Health Disparities Research and Practice*. 11(3):16-31.

Bob Aronson Strack, R.W., Aronson, R. E., Orsini, M. M., Seitz, C. M., & McCoy, R. (2018), Using Photovoice to Uncover Campus Issues and Advocate Change for Black Males. *Journal of College Student Development*. 59(4):491-498.

Bob Aronson Rhodes, S.D., Mann-Jackson, L., Alonzo, J., Siman, F.M., Vissman, A.T., Nall, J., Abraham, C., Aronson, R.E. and Tanner, A. (2017). Engaged for Change: A Community Engaged Process for Developing Interventions to Reduce Health Disparities. *AIDS Education and Prevention*, Volume 29, Number 6.

Phil Grabowski Grabowski, P., Schmitt-Olabisi, L., Adebisi, J., Waldman, K., Richardson, R., Snapp, S. Assessing adoption potential in a risky environment: The case of perennial pigeonpea. *Agricultural Systems* 171, 89-99.

Phil Grabowski *Modeling Adoption of Perennial Grains for Sustainable Agriculture: Insights from System Dynamics and Choice Experiments*. November 07, 2018, American Society of Agronomy meeting, Baltimore Convention Center

Phil Grabowski Grabowski, P. Nelson, J and Rush, C. *Strengthening Local Food Systems in Grant County*, March 2019, Indiana Small Farms Conference, Danville, IN.

Rob Reber Thada, A. R., Reber, R. T. (2019). Interseeding Forbs in a Grass-dominated Prairie Restoration in Northeast Indiana: Year Six Results. Indiana Academy of Science Annual Meeting. Indianapolis. March 30.

Rob Reber 2018. Review of Field Natural History of the Black Hills and Badlands, by Sven Froiland. Great Plains Research – A Journal of Natural and Social Sciences, Vol 28 (2), 223.

Higher Education & Student Development

Scott Barrett Operationalizing Humility: A Model of Situational Humility for Christian College Student Leaders. *Journal of College and Character*, 19:4, 292-308

Tim Herrmann and Kelly Yordy teamed with four former MAHE students to produce *A Calling to Care*, a book length monograph published by Abilene Christian University Press.

Todd Ream Ream, T. C., Pattengale, J., and Devers, C. J. "The State of the Evangelical Mind." *Christian Scholar's Review*, 47:4 (2018).

Todd Ream "From Where Hope Grows." *The DeVoe Report*, Summer (2018), pp. 30-32.

Todd Ream [Review William G. Bowen & Michael S. McPherson's *Lesson Plan: An Agenda for Change in American Higher Education*]. *The Review of Higher Education*, 41:2 (2018) pp. 310-313.

Skip Trudeau, Mike Hammond, Drew Mosier, Danielle Eversole and Austin Smith, "The Role of Campus Traditions in Campus Life at Christian Colleges and Universities". *Christian Higher Education Journal*

History, Global & Political Studies

Benjamin Wetzel (2019). American Historical Association, Chicago IL: Book Roundtable on Jennifer Graber, *The Gods of Indian Country: Religion and the Struggle for the American West* (panelist) [sponsored by the Conference on Faith and History]

Benjamin Wetzel (2018). Biennial Conference on Faith and History, Grand Rapids, MI: "Theodore Roosevelt, Christianity, and World War I."

Kinesiology

Dawn Anderson Anderson, D.E., S. LeGrand and R. McCart. *Effects of caffeine on sprint cycling performance*, *The Journal of Strength and Conditioning Research*, Vol. 32, No. 8, pp. 2221-2226, 2018.

Dawn Anderson Anderson, DE, A Frederickson, and A. Morrison. *Effects of caffeine on vertical jump power in collegiate female athletes*, National Strength & Conditioning Association National Conference, July 13, 2018.

Jeff Marsee presented at the 2019 Belizean Symposium on Education in January. His topic was "Developing Cultural Competency Among College Students in the Health Sciences and Education"

Corrie Voss Leach HJ, Covington KR, Voss C, Lebreton KA, Harden SM, Schuster SR. *A pilot trial of personal training versus a group dynamics-based exercise intervention for breast cancer survivors*. *Oncology Nursing Forum*. In press (March 2019).

Mathematics

Patrick Eggleton *Meta-Teaching: A Great Tool for Methods Courses* published in the Fall 2018 *HAMTE Crossroads*.

Patrick Eggleton presented *Great Desmos Math Activities* at the annual meeting of the Indiana Council of Teachers of Mathematics on November 4, 2018.

Doug Oliver published 2 papers: *Effects of Weighting the Ends of a Tubular Bell on Modular Frequencies* in the Journal of Mathematics and Music and *Two Simple and Inexpensive Desk-Top Experiments with Vibrations of a Uniform Beam* in The Physics Teacher.

Derek Thompson published an article in the Journal of Mathematical Analysis and Applications, "Normaloid Weighted Composition Operators on H^2 " <https://www.sciencedirect.com/science/article/pii/S0022247X18306516>

Modern Languages

Angela Pacheco *Sonambulimo y sueño lúcido en Don Quijote*. Editorial Pliegos. Madrid, España. 2018. The English translation of the title is, "Somnambulism and Lucid Dreaming in Don Quixote."

Music, Theatre, & Dance

Conor Angell and pianist, Clifton Davis, performed a faculty recital in Butz Carruth Recital Hall in the Smith-Hermanson Music Center on campus this summer. The program featured an array of musical theatre songs that demonstrated the diversity in American Broadway musicals over the past seventy years.

Chris Bade contributed to a recording session at Brookwood Studio in Michigan for an upcoming CD of chamber music for clarinet and cello by Cincinnati composer, Rick Sowash; release date in October, 2018

Eva Kwan presented at the 33rd World Conference International Society for Music Education 2018 in Baku, Azerbaijan: *Music and Video Camp 2017 for Refugees and Greeks of 9-19 Years Old in Athens, Greece*

Eva Kwan co-presented a poster session at MISTEC (Music in School and Teacher Education Commission) 2018 in Prague, Czech Republic: *Pedagogical Content Skill Knowledge: Connecting a Global Music Teacher Educator Community*

Eva Kwan Panelist Discussion (co-presenter) at The 7th International Symposium on Assessment in Music Education 2019 in Gainesville, Florida, US: *Pedagogical Content Skill Knowledge: A Shared Music Teacher Educator Language for Assessing the Types of Knowledge Emphasized in Music Teacher Preparation Programs*

Physics & Engineering

Bill Bauson presented at 2018 ASEE IL-IN Section Conference "Tethered Picosatellites – A First Step towards Electrodynamic Orbital Control and Power Generation".

Ken Kiers P. Saha, K. Kiers, A. Szykman, "Single-top production and rare top interactions," *Physical Review D* 98 (2018) 035003 (<https://journals.aps.org/prd/abstract/10.1103/PhysRevD.98.035003>).

Psychology

Laura Edwards Edwards, L. C. & Thomas, K. J., (November, 2018). Rich Learning Experiences. Presentation at the Lilly Conference on College Teaching (45 min session), Miami University, Oxford, OH.

Laura Edwards (October, 2018). The Craft of Infusing Critical Thinking. Poster presentation at the Society for the Teaching of Psychology Conference (APA 2nd Division), Phoenix, AZ.

Steve Snyder & Laura Edwards Snyder, S., Edwards, L., & Sanders, A. (2019, in press). An empirical model for infusing critical thinking in higher education. *The Journal on Excellence in College Teaching*.

Social Work

Cathy Harner & Deborah Stiles BPD (Baccalaureate Program Directors), Jacksonville, FL, "Through the Lens of Trauma-Informed Care" March 13-17, 2019.

Deborah Stiles BPD (Baccalaureate Program Directors), Jacksonville, FL, student conference presenter on "Trauma-Informed Social Work" March 15, 2019.

Cathy Harner & Deborah Stiles Ministry of Youth, Nassau, Bahamas, "Trauma-Informed Care and Building Resilience" January 8-9, 2019.

Cathy Harner Department of Social Services, Domestic Violence Unit, Nassau, Bahamas, presented on "Trauma-Informed Care and Domestic Violence" March 18, 2019.

Library

Ashley Chu and Joe Ricke "Remembrance and Response: George MacDonald and the Blank Page." Paper presented at the Interdisciplinary Nineteenth Century Studies Conference, Dallas, TX. March 2019.

Ashley Chu and Joe Ricke "'Not Marble Nor the Gilded Monuments': George MacDonald, The New Shakespeare Society, and Monumental Shakespeare." Paper presented at the Interdisciplinary Nineteenth Century Studies Conference, Dallas, TX. March 2019.

Ashley Chu, Joe Ricke, Kendra Smalley, Kaylen Dwyer & Caleb Hoelscher "George MacDonald: A Timeline of Lectures and Performances, 1855-1891." *North Wind: A Journal of George MacDonald Studies*. Forthcoming, 2019 Volume.

Ashley Chu and Joe Ricke, Editors. *The Faithful Imagination: Proceedings from the 2018 Lewis & Friends Colloquium*, Winged Lion Press, 2019. Forthcoming, June 2019.

Lana Wilson co-presented "Extreme Classroom Makeover: Transforming Library Instruction Spaces for Deeper Student Engagement," with a colleague from Indiana Wesleyan University in June 2018 at the annual Association of Christian Librarians conference at Asbury University.

School of Natural & Applied Sciences

Grace Ju Miller et al., *Moringa oleifera, Miracle Tree and Superfood: Antibacterial evidence and nutritional benefits*. Poster presentation July 2018, American Society of Plant Biology Meetings, Montreal, Canada

Online

Paul Nesselroade Jr.'s book, *Statistical Applications for Behavioral and Social Sciences*, has been released in its 2nd edition, an updated edition of a classic text on applying statistical analyses to the social sciences

