

## Kimberly R. Schneider

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### EDUCATION

2006 Ph.D. Ecology, Evolution, and Organismal Biology Univ. of South Carolina  
1999 B.S. Zoology (Highest Honors) Univ. of Florida

### EMPLOYMENT & PROFESSIONAL EXPERIENCE

2021-present Assistant Vice Provost, Academic Innovation & Engagement, Division of Student Learning and Academic Success, University of Central Florida (UCF)  
2020-2021 Interim Assistant Vice Provost, Academic Innovation, UCF  
2017-2021 Assistant Dean, Academic Engagement, College of Undergraduate Studies, UCF  
2007-present Research Assistant Professor, Biology Department, College of Sciences, UCF  
2007-2020 Founding Director, Office of Undergraduate Research, UCF  
2016 Interim Assistant Dean, College of Undergraduate Studies, UCF  
2005-2006 National Science Foundation, GK-12 Fellowship, University of South Carolina  
2000-2006 Graduate Assistant, Department of Biological Sciences, University of South Carolina  
2000 Rotary Ambassadorial Fellow, Tours, France

### EXTRNAL GRANTS FUNDED

**2.47 million to UCF (4.63 million total)**

\$35,555 (\$650,000) National Science Foundation S-STEM **1833818 to Valencia State College**. 2019. *Supporting Graduation and Transfer of Community College Students in STEM Through Opportunities in Research*. (PI: R Luther, Co-PI: Daeri Tenery, Jennifer Snyder, and **KR Schneider**)  
\$999,975 National Science Foundation S-STEM **17422380**. 2018. *Transfer Student Research and Integration Program: A model for strengthening student success in STEM*. (PI: K Fedorka, Co-PI: **KR Schneider**, K Teter)  
\$619,423 (\$1,796,495) National Science Foundation IUSE **1524666**. 2015. *COLLABORATIVE RESEARCH: LEARNing To Build STEM Research Communities- A Proposal to Strengthen, Expand, and Disseminate a Successful Retention Model*. (Lead PI: **KR Schneider**, Co-PI UCF: M Aldarondo-Jeffries, with PI: A Morrison-Shetlar, Western Carolina University and PI: D Chamely-Wiik, Florida Atlantic University)  
\$32,493 (\$49,913) National Science Foundation IUSE **1623631**. 2016. *Workshop: Training the Training on Pre-Research Coursework*. (Lead PI: **KR Schneider**, Co-PI UCF: K. Fedorka with PI: S. Pressley, Washington State University and PI: S Burkett, University of Alabama)  
\$9,074 National Science Foundation. 2013. Supplement to 1123068  
\$9,074 National Science Foundation. 2012. Supplement to 091980  
\$196,484 (\$544,449) National Science Foundation TUES **1123068**, 2011. *Collaborative Proposal-EURO: Enhancing Undergraduate Research Opportunities* (PI: **KR Schneider**, with LEAD PI: D Bahr, Washington State University and PI: S Burkett, University of Alabama)  
\$169,758 National Science Foundation TUES **0941980**, 2010. *Learning Environment and Academic Research Network (LEARN): A Model for Retention in the*

\$370,000	<i>STEM Disciplines</i> (PI: <b>KR Schneider</b> , Co-PI: A Morrison-Shetlar) United States Department of Agriculture, 2008. <i>Strangers in a Strange Land: Biological and Economic Impacts of Two Invasive Mussels Along the East Coast of the United States in an Oyster Agro- Ecosystem</i> (PI: E Hoffman, Co-PIs: L Walters, M Gilg, <b>KR Schneider</b> )
\$36,128	Indian River Lagoon National Estuary Program, 2008. <i>Exotic Species in the Indian River Lagoon: Inventories, Origins and Public Engagement</i> (PI: E Hoffman; Co-PIs: L Walters, <b>KR Schneider</b> )
\$850	Slocum-Lunz Research Grant, 2006 (PI: <b>KR Schneider</b> )
\$850	Slocum-Lunz Research Grant, 2001 (PI: <b>KR Schneider</b> )
\$500	Sigma-Xi Grant, 2001 (PI: <b>KR Schneider</b> )

#### **ADDITIONAL EXTERNAL FUNDS (\$15, 000)**

\$15,000	High Impact Programming Opportunity. 2017. <i>HIP Peer Coaches: A Pilot to Expand High Impact Educational Practices in the Classroom</i> . Funding from the American Association of State Colleges and Universities through Re-Imagining the First Year. (Lead: <b>KR Schneider</b> )
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#### **INTERNAL GRANTS FUNDED (\$47, 500)**

\$10,000	UCF QEP What's Next, 2018. <i>Academic Engagement Peer Mentors: A Pilot Model to Increase Awareness of Opportunities</i> . (PI: <b>KR Schneider</b> , Co-PIs: M Aldarondo-Jeffries, K Hoerrner, and E Myszkowski)
\$10,000	UCF QEP What's Next, 2017. <i>Opening the Digital Door: New Pathways to Engagement in Undergraduate Research</i> . (PI: A Kuperman, Co-PIs: <b>KR Schneider</b> , C Smith, and K Jardaneh)
\$10,000	UCF QEP What's Next, 2017. <i>Evolution of High-Impact Experience Embedded in UCF Curriculum: Institutionalizing the Coach Model for Undergraduate Student Success</i> . (PI: L Walters, Co-PIs: Mary Tripp, M Garcia, M Rovito, A Anthony, and <b>KR Schneider</b> )
\$10,000	UCF QEP What's Next, 2016. <i>Increasing Integrative Learning through High-Impact Research Experiences throughout the Undergraduate Curriculum</i> (PI: M Tripp, Co-PIs: <b>KR Schneider</b> , A Anthony, M Garcia, L Walters, M Rovito)
\$3000	UCF QEP What's Next, 2016. <i>Community-Based Research Scholars</i> . PI: A. Kuperman, Co-PI: <b>KR Schneider</b>
\$3000	UCF Information Fluency, 2012. <i>Training STEM Graduate Research Mentors: An Essential Component to a Successful Undergraduate Research Experience</i> (PI: <b>KR Schneider</b> )
\$500	UCF Learning Institute for Elders, 2010. <i>UCF URJ Academic Publishing Mentoring Program</i> (PIs: <b>KR Schneider</b> , T Pugh)
\$1000	UCF Information Fluency, 2009. <i>Capturing Student Engagement in Research: A tool for learning and understanding</i> (PI: <b>KR Schneider</b> )

#### **FELLOWSHIPS & SCHOLARSHIPS**

2005-2006: National Science Foundation, Graduate K-12 Fellowship (\$40,000)  
2006: F. John Vernberg Marine Science Graduate Scholarship (\$1000)  
2006: ARM Environmental Services Fellowship (\$1000)  
2004: South Carolina Wildlife Federation Conservation Scholarship (\$500)  
2003: William H. Nolte Graduate Teaching Award Fellowship (\$2000)  
1999-2000: Rotary Ambassadorial Fellowship to France (\$17,000)

1999: National Science Foundation, International Research Experiences for Undergraduates (\$3000)  
1996-1995: Bright Future Grant (Tuition) & Southern Scholarship Foundation Scholar (Housing)

### **HONORS**

2019: UCF Marchioli Collective Impact Innovation Award (with Linda Walters and Mary Tripp)  
2019: Distinguished Faculty and Staff Award. UCF Housing and Residence Life  
2015: *Wonderful Women Honor: Women's History Month*, UCF Center for Success of Women Faculty  
2013-2014: *UCF Keeper of the Creed Award- Excellence*, UCF Student Development and Enrollment Services  
2013: UCF Women of Distinction Awardee: *Excellence in Mentoring*  
2011: "Best of Conference" award from the ACUHO-I Living-Learning Programs Conference (M Dagle and **KR Schneider**, *Increasing Success in STEM Using Multiple Modes*)  
2009- 2011: University of Central Florida representative on the Central Florida Young Professionals Advisory Council  
2006: United States Delegate, Communicating Climate Change workshop (Sponsored by British Council USA)  
1999: President's Award (UF)

### **SCHOLARLY PUBLICATIONS (Peer-reviewed)**

25. Walters, LJ, **KR Schneider**, M Tripp. Using Peer Coaches to Support Integrating Research into the Curriculum: Impacts on Students, Coaches, and Faculty. *Scholarship and Practice of Undergraduate Research* (In press)
24. **Schneider KR**, A Kuperman, A Watts, D Barulich, T Campbell. 2021. Tracking and Assessing Undergraduate Research Campus-wide: Demographics, Academic Success, and Post-Graduation Plans. *Journal of the Scholarship of Teaching and Learning*. 21 (1): 107-119
23. Chamely-Wiik D, E Frazier, D Meeroff, J Merritt, WR Kwochka, AI Morrison-Shetlar, M Aldarondo-Jeffries, J Johnson, **KR Schneider**. 2021. Undergraduate Research Communities for Transfer Students: Factors that Most Influence Student Success. *Journal of the Scholarship of Teaching and Learning*. 21 (1): 193-224
22. **Schneider KR**, M. Tripp, U Nair, R Straney, P Lancey. 2021. First-Year STEM Research Program Facilitates Long-Term Academic Success. *Journal of College Science Teaching*. 50 (4): 11-16
21. Rovito MJ, A Koontz, M Tripp, **K Schneider**, L Walters, and M Garcia. 2019. Understanding the Effectiveness of a Peer Coach Model in Research-intensive Undergraduate Courses. *Journal of Effective Teaching in Higher Education*. 2 (2): 42-56
20. Meeroff D, D Chamely-Wiik, WR Kwochka, E Marques Frazier, J Merritt, M Aldarondo-Jeffries, A Morrison-Shetlar, **KR Schneider**. 2019. Work in Progress: A Transferable Model to Improve Retention and Student Success in STEM through Undergraduate Research (NSF LEARN Consortium). *Proc. American Society for Engineering Education Annual Conference*, Tampa, FL.
19. Freunt EC, **KR Schneider**. 2019. Establishing a Statewide Celebration of Undergraduate Research: History and Lessons Learned. *Scholarship and Practice of Undergraduate Research*. 2 (3): 28-34
18. Yuan W\*, LJ Walters, SA Brodsky\*, **KR Schneider**, and EA Hoffman. 2016. Synergistic effects of salinity and temperature on the survival of two non-native mussels, *Mytella charruana* (d'Orbigny 1846) and *Perna viridis* (Linnaeus 1758). *Journal of Marine Biology*.

17. **Schneider KR**, L Sullivan, and A Collado. 2016. A Centralized Undergraduate Research Database: A Collaboration between Institutional Research and University-Wide Research Programs. *Council on Undergraduate Research Quarterly*. 36 (4): 19-25
16. **Schneider KR**, D Bahr, S Burkett, J Lusth, S Pressley, N VanBennekom. 2016. Jump Starting Research: Pre-Research STEM Programs. *Journal of College Science Teaching*. 45 (5): 13-19
15. **Schneider KR**, A Bickel. 2015. Undergraduate Research Apprenticeship Model: Graduate Students Matched with STEM First-Year Mentees. *Council on Undergraduate Research Quarterly*. 36 (1): 25-31
14. **Schneider KR**, A Bickel, and AI Morrison-Shetlar. 2015. Planning and Implementing a Comprehensive Student-Centered Research Program for First-Year STEM Undergraduates. *Journal of College Science Teaching*. 44 (3): 37-43
13. Bickel A, **KR Schneider**. 2013. Early Involvement in Research: Developing Graduate Students as Research Mentors in a STEM Living-Learning Community. In Dominguez, N. & Gandert, Y. (Eds.). 6th Annual Mentoring Conference Proceedings: Impact and Effectiveness of Developmental Relationships. Albuquerque, NM: University of New Mexico.
12. Spinuzzi S\*, **KR Schneider**, L Walters, W Yuan\*, E Hoffman. 2013. Tracking the Distribution of Non-Native Invertebrates (*Mytella charruana*, *Perna viridis*, and *Megabalanus coccopoma*) along southeastern United States Estuaries and Coastlines. *Marine Biodiversity Records*. 6 (e55)
11. Burkett SL, JC Lusth, D Bahr, S Pressley, **K Schneider**. 2013. Three Training Programs for Preparing Undergraduates to Conduct Research. *Proc. American Society for Engineering Education Annual Conference*, Atlanta, GA.
10. Gilg, MR, EA Hoffman, **KR Schneider**, J Ryabinov\*, C Elkhoury\* and LJ Walters. 2010. Interaction Between Invasive Species and Land-Use changes: Recruitment Preferences of Non-Native Mussels. *Journal of Molluscan Studies*. 76: 333-339
9. Yuan W\*, LJ Walters, **KR Schneider**, EA Hoffman. 2010. Explore the Survival Threshold: A Study of Salinity Tolerance of the Non-Native Mussel, *Mytella charruana*. *Journal of Shellfish Research*. 29 (2): 415-422.
8. **Schneider KR**, LE Van Thiel\*, B Helmuth. 2010. Interactive Effects of Food Availability and Aerial Body Temperature on the Survival of Two Intertidal *Mytilus* Species. *Journal of Thermal Biology*. 35 (4): 161-166
7. **Schneider KR**. 2008. Heat Stress in the Intertidal: Comparing Survival and Growth of an Invasive and Native Mussel Under a Variety of Thermal Conditions. *Biological Bulletin*. 215: 253-264
6. **Schneider KR**, Helmuth. 2007. Spatial Variability in Habitat Temperature Drives Interspecific Patterns of Selection Between an Invasive and Native Species of Mussel. *Marine Ecology Progress Series* 339:157-167
5. **Schneider KR**, BT Helmuth, D Wethey, TJ Hilbish. 2005. Implications of Movement Behavior on Mussel Dislodgement: Exogenous Selection in a *Mytilus* spp. Hybrid Zone. *Marine Biology*. 146 (2): 333-343
4. Chapman LJ, **KR Schneider**, C Apodaca, CA Chapman. 2004. Respiratory Ecology Macroinvertebrates in a Swamp-River System of East Africa. *Biotropica*. 36 (4): 572-585
3. Hilbish, TJ, J Timmons, JV Agrawal, **KR Schneider**, MR Gilg. 2003. Estuarine Habitats Protect Hybrid Mussels From Selection. *Journal of Experimental Marine Biology and Ecology*. 292:177-186
2. **Schneider KR**, JS Parmerlee, Jr, R Powell. 2000. Escape Behavior of *Anolis* Lizards from the Sierra de Baoruco, Hispaniola. *Caribbean Journal of Science*. 36: 321-323
1. Cast EE, ME Gifford, **KR Schneider**, AJ Hardwick, JS Parmerlee Jr, R Powell. 2000. Natural History of an Anoline Lizard Community in the Sierra de Baoruco, Dominican Republic. *Caribbean Journal of Science*. 36: 258-266

\*Denotes Undergraduate Authors

### SCHOLARLY PUBLICATIONS (edited, non-peer-reviewed)

5. Gringarten, H. (2020, Fall). Life forward: **Kimberly R. Schneider**, educator. *Journal of Multidisciplinary Research*, 12(2), 169-173.
4. Pugh T and **KR Schneider**. 2012. Best Practices of the *University of Central Florida Undergraduate Research Journal*: Publicizing and Supporting Student Writing. How to Start an Undergraduate Research Journals (A. Harts Editor). Council on Undergraduate Research
3. **Schneider KR**, R. Harrison, and M Aldarondo-Jeffries. 2012. Engaging Undergraduate Research Professionals: A Statewide Symposium. In CURQ Vignettes: Presenting Results-Regional Undergraduate Research Conferences. *Council on Undergraduate Research Quarterly* on the web.
2. **Schneider KR**. 2010. The Student Undergraduate Research Council. In CURQ Vignettes: Additional Examples of Peer Mentoring in Undergraduate Research. *Council on Undergraduate Research Quarterly*. 31 (2): 40.
1. **Schneider KR** and B Helmuth. 2007. Patterns of Heat and Temperature. In *Encyclopedia of Tidepools*. M.W. Denny and S.D. Gaines (Eds). University of California Press.

### ADDITIONAL TRAINING

- 2018-2019 *Leadership Empowerment Program*. University of Central Florida, FL
- 2018 Summer Institute. *Integrative Learning and Signature Work*. American Associate of Colleges and Universities. Boston University, MA
- 2008 *Initiating and Sustaining Undergraduate Research Programs*. Council on Undergraduate Research. Biosphere, AZ
- 2006: U.S. Delegate, Communicating Climate Change Workshop (Sponsored by British Council USA). Washington, DC

### INVITED PRESENTATIONS

- Schneider KR**. 2019. *How to Communicate your Research*. University of Tampa, Summer Fellows. (Tampa, FL)
- Schneider KR**. 2019. *Creating a Centralized Office of Undergraduate Research*. Webinar for the University of Arizona
- Schneider KR**. 2015. *Effective Communication in the Research Environment*. Session at the Women in Construction Workshop (Orlando, FL)
- Schneider KR**. 2015. *Preparing a Poster Presentation*. Workshop for Valencia College, Honors Program (Orlando, FL)
- Schneider KR**. 2011, 2012, 2013, 2015, 2016, 2017, 2018, 2019, 2020. *Summer Off-Campus Research Experiences*. Workshop at Florida Undergraduate Research Conference (UNF, Stetson, UF, Univ of Tampa, FAU, EFSC, UNF, FGCU)
- Pukkila P and **KR Schneider**. 2011. *Using Social Media, Email, and the Web to Reach Student Audiences*. Workshop at Gateways to Best Practices for Undergraduate Research Program Directors (St. Louis, MO)
- Schneider KR**. 2009. *Presenting Your Research*. Canterbury School (Fort Myers, FL)
- Schneider KR**. 2009. *Revolutionizing Your Undergraduate Experience Through Research*. University of Tampa - Honors Seminar Series (Tampa, FL)
- Schneider KR**. 2007. *Thermal Stress in the Intertidal: A Comparison Between an Invader and Its Sibling Species*. University of North Florida - Natural Sciences Seminar Series (Jacksonville, FL)

### CONFERENCE PRESENTATIONS

- K Schneider**, D Chamely-Wiik, B Kwochka and D Meeroff. 2021. *Prioritizing Success of Underrepresented and First-Generation Students: Transfer Student Research*

- Communities. Centering Diversity Equity & Inclusion in Undergraduate Research & Creative Activity (Virtual)*
- Schneider K.** 2019. *Lowering the Barriers to Undergraduate Research: STEM Transfer Student Program.* AACU Transforming STEM Higher Education. (Chicago, IL)
- Schneider K.** 2019. *Creating STEM Research Communities for First-Year and Transfer Students.* AACU Transforming STEM Higher Education. (Chicago, IL)
- Freundt E, **K Schneider**, and J Soberon. 2019. *Creating and Sustaining a Statewide Undergraduate Research Conference.* Undergraduate Research Programs Division Conference. (Columbus, OH)
- Kuperman A and **K Schneider.** 2019. *Lessons Learned in Research-Intensive Course Designation.* Undergraduate Research Programs Division Conference. (Columbus, OH)
- Merritt J, D Chamely-Wiik, M Tripp, **K Schneider**, and B Kwochka. 2019 *NSF-LEARN Consortium: Impact of STEM Student Participation on Critical Thinking, GPA, Earned Credits, and Retention.* Undergraduate Research Programs Division Conference. (Columbus, OH)
- D Chamely-Wiik, **K Schneider**, and B Kwochka. 2019. *Implementing a Research Learning Community: A Three-Institution Consortium to Impact STEM Student Success.* Undergraduate Research Programs Division Conference. (Columbus, OH)
- Freundt E and **K Schneider.** 2018. *Eight years of FURC: Outcomes and Planning for the Future.* 11st Annual Florida Statewide Symposium: Best Practices in Undergraduate Research. (Boca Raton, FL)
- Schneider K** and D Chamely-Wiik. 2018. *Tales of Assessment: Vignettes of Evaluating and Documenting Undergraduate Research.* 11st Annual Florida Statewide Symposium: Best Practices in Undergraduate Research. (Boca Raton, FL)
- Schneider KR,** M Aldarondo-Jeffries, B Kwochkak and D Chamely-Wiik. 2018. *Building STEM Research Communities for First-Year and Transfer Students: The LEARN Consortium.* 2018. AACU Transforming STEM Higher Education. (Atlanta, GA)
- Schneider KR.** *The HIP Count: Documenting Student Involvement and Engagement in STEM Campus-wide.* AACU Transforming STEM Higher Education. (Atlanta, GA)
- Schneider KR** and A Kuperman. 2018. *Building Transfer Pathways into Undergraduate Research.* Florida Summit on Accelerating Transfer Success. (Orlando, FL)
- Schneider KR,** K Steinke Wawrzynski, and S Pressley. 2018. *Small Staff, Big Plans: Maximizing Resources and Scaling Impact in Centralized Offices.* Panel presentation Panel Session at the Council on Undergraduate Research Biannual Meeting. (Arlington, VA)
- Tripp M and **KR Schneider.** 2018. *Can Student Research Coaches Help Undergraduate Students Build Confidence, Skills, and Abilities through Genuine Research Experiences?* Poster presentation Panel Session at the Council on Undergraduate Research Biannual Meeting. (Arlington, VA)
- Bahr D, S Burkett, S Pressley, and **KR Schneider.** 2018. *Lowering Barriers to Get Involved in Research: Training Colleagues to Introduce Students to Research through a Skill-Building Course.* Poster presentation Panel Session at the Council on Undergraduate Research Biannual Meeting. (Arlington, VA)
- Schneider KR,** D Chamely-Wiik, WR Kwochka. 2018. *L.E.A.R.N. Consortium: Research Communities for First-Year and Transfer STEM Students.* Oral presentation Panel Session at the Council on Undergraduate Research Biannual Meeting. (Arlington, VA)
- Schneider KR,** J Jackson, L Young, A Spring. 2017. *Adapting Best Practices: How to Bring New Programs and Ideas to Your Institutions.* Last minute keynote at the 10<sup>th</sup> Annual Statewide Symposium: Engagement in Undergraduate Research. (Orlando, FL)
- Schneider KR,** D Chamely-Wiik, and J O'Shea. 2016. *The Undergraduate Research Count: Exploring Different Approaches to Assess Student Involvement and Engagement.* Panel

- Presentation at the Council on Undergraduate Research Bi-Annual Meeting (Tampa Bay, FL)
- Chamely-Wiik D, **K Schneider**, W Kwochka, M Aldarondo-Jeffries. 2016. *The LEARN Consortium: A Three-institution Initiative to Impact STEM Retention of Freshmen and Transfer Students through Research Communities*. Council on Undergraduate Research Bi-Annual Meeting. (Tampa Bay, FL)
- Wawrzynski K, J Morris, **KR Schneider**. 2016. *An Army of One: Launching an Undergraduate Research Office and Maximizing Resources*. Panel Session at the Council on Undergraduate Research Biannual Meeting (Tampa Bay, FL)
- Schneider KR**, M Aldarondo-Jeffries, A Morrison-Shetlar, WR Kwochka, D Chamely-Wiik, D Meerof, E Frazier. 2016. *L.E.A.R.N.ing to Build STEM Research Communities – A Successful Program for First-Year Students, Adapting to Transfers*. Envisioning the Future of Undergraduate STEM Education (EnFUSE): Research and Practice. (Washington DC)
- Schneider KR** and M Dagley. 2015. *Using Multiple LLC Models to Increase STEM Student Success*. Interest Session at the ACUHO-I Living-Learning Programs Conference. (St. Petersburg, FL)
- Coles N and **KR Schneider**. 2015. *Mentoring in Undergraduate Research: An Analysis of Research Activity Alignment, Mentoring Relationship Satisfaction, and Student Development*. Poster presentation at the 8<sup>th</sup> Annual Statewide Symposium: Engagement in Undergraduate Research. (Orlando, FL)
- Rovito K and **K Schneider**. 2015. *Quantifying University-Wide Participation at a Large Institution: The Undergraduate Research Database and Profile*. Program Highlights at Undergraduate Research Programs: Building, Enhancing, Sustaining (Norman, OK)
- Wawrzynski K, **K Schneider**, and J O’Shea. 2015. *Campus-Wide Undergraduate Research Initiatives: Managing Programs at Large Institutions*. Seminar at Undergraduate Research Programs: Building, Enhancing, Sustaining (Norman, OK)
- Schneider K**, K Rovito, N Coles, and E Saitta. 2015. *STEM First-Year Mentees and Graduate Student Mentors: Assessing Alignment in Research Apprenticeship Activity Logs*. Poster presentation at Undergraduate Research Programs: Building, Enhancing, Sustaining (Norman, OK)
- Schneider KR**, K Fedorka, N VanBennekom, J Lusth, D Bahr, S Burkett, and S Pressley. 2015. *Tools for Launching Undergraduates into Research: Pre-Research Coursework in the Sciences*. Poster presentation at the Society for Integrative and Comparative Biology (West Palm Beach, FL)
- Schneider KR**. 2014. *Introducing Students Early to Research*. Panel Seminar at the State of STEM Conference (Orlando, FL)
- Schneider KR** and N VanBenekom. 2014. *Campus-wide Collaboration: Establishing a STEM Research Living-Learning Community*. Interactive Presentation at the Council on Undergraduate Research Bi-Annual Meeting (Washington, DC)
- Shannahan MA, K S Wawrzynski, J Morris, **KR Schneider**, and H Cweren. 2014. *Best Practices in Managing Campus-wide Undergraduate Research Initiatives at Larger Institutions*. Panel Session at the Council on Undergraduate Research Biannual Meeting (Washington, DC)
- Schneider KR** and J O’Shea. 2014. *Two Models to Create an Undergraduate Research Profile: Assessing Undergraduate Research Participation Campus-Wide*. Interactive Presentation at the Council on Undergraduate Research Bi-Annual Meeting (Washington, DC)
- Pressley S, S Burkett, **KR Schneider**, D Bahr, J Lusth, and N VanBennekom. 2014. *Tools for Launching Undergraduate Students Into Research: A Partnership at Three Universities*. Workshop at the Council on Undergraduate Research Bi-Annual Meeting (Washington, DC)
- Bickel A and **K Schneider** 2013. *Training the Mentors: Developing Graduate Student Mentors*. Interactive Presentation. *6th Annual Florida Statewide Symposium: Engagement in Undergraduate Research* (Orlando, FL)
- Schneider KR**, A Bickel, L Sullivan, and M Parenti. 2013. *Creating an Undergraduate Research*

- Profile: A Collaborative Effort*. Interactive Presentation at the Florida Statewide Symposium: Engagement in Undergraduate Research (Orlando, FL)
- Bickel A and **K Schneider**. 2013. Marketing Undergraduate Research: Student Councils. Poster Presentation at the *Undergraduate Research Program Directors Conference* (Orange, CA)
- Schneider KR** and A Bickel. 2013. *Learning Environment and Academic Research Network (LEARN): A Model for Retention in the STEM Disciplines*. Presentation at the Higher Education Teaching and Learning International (Orlando, FL)
- Schneider KR** and N VanBennekom. 2012. *Introducing Undergraduates to Research Through Structured Coursework*. Interactive Presentation at the Florida Statewide Symposium: Engagement in Undergraduate Research (Orlando, FL)
- Schneider K** and A Bickel. 2012. Learning Environment and Academic Research Network (LEARN): A Model for Retention in the STEM Disciplines. Poster Presentation at the *Council on Undergraduate Research Conference* (Ewing, NJ).
- M Dagley and **KR Schneider**. 2011. *Options = A Good Fit: Increasing Success in STEM Using Multiple Models*. Interest Session at the ACUHO-I Living-Learning Programs Conference (Orlando, FL) and the 2012 ACUHO-I Annual Conference & Exhibition (Anaheim, CA) as “Best in Show”
- Schneider KR** and A Bickel. 2011. *Getting Student Involved Early: Multiple Models*. Interactive Workshop at the Florida Statewide Symposium: Engagement in Undergraduate Research (Orlando, FL)
- Schneider KR**. 2011. *Using Web sites and Social Media to Promote Undergraduate Research*. Interactive Workshop at the Florida Statewide Symposium: Engagement in Undergraduate Research (Orlando, FL)
- Schneider KR**. 2011. *Student Councils: A Great Method to Promote Undergraduate Research*. Poster at the Gateways to Best Practices for Undergraduate Research Program Directors (St. Louis, MO)
- B Booton and **KR Schneider**. 2010. *Undergraduate Research “Ambassador” Programs at the University of Missouri and University of Central Florida*. Workshop at the Council on Undergraduate Research National Conference (Ogden, Utah)
- D Bahr and **KR Schneider**. 2010. *Early Undergraduate Research Opportunities: Getting Them Started*. Workshop at the Council on Undergraduate Research National Conference (Ogden, Utah)
- T Pugh and **KR Schneider**. 2010. *Best Practices in Undergraduate Research Journals: Examples from the University of Central Florida*. Poster at the Council on Undergraduate Research National Conference (Ogden, Utah)
- Schneider KR**. 2009. *Developing Student and Faculty Councils to Support Undergraduate Research*. Oral Presentation at the Engagement in Undergraduate Research Symposium (Orlando, FL)
- P Lancey and **KR Schneider**. 2009. Evidence of Impact: The Use of Engagement Data in Undergraduate Research Program Planning. Oral Presentation at the Engagement in Undergraduate Research Symposium (Orlando, FL)
- K Bell and **KR Schneider**. 2009. Research Rewards: A Video Mentoring Program. Oral Presentation at the Engagement in Undergraduate Research Symposium (Orlando, FL)
- Schneider KR** and A Morrison-Shetlar. 2008. Engaging Transfer Students in Research: The Summer Research Academy. Poster Presentation at the Council of Undergraduate Research meeting (St. Joseph, MN)
- Van Thiel LE, **KR Schneider**, and B Helmuth. 2007. *The Effect of Food Availability and Intertidal Body temperature on Blue Mussels*. Poster Presentation at the Society of Integrative and Comparative Biologists (Phoenix, AZ)



- Helmuth B and **KR Schneider**. 2006. *A Rising Tide Floats All Boats: Increasing Scientific Literacy Through Collaboration Between Scientists and K-12 Educators*. Poster Presentation at the American Geophysical Union meeting (San Francisco, CA)
- Schneider KR** and BST Helmuth. 2006. *The Effect of Intertidal Thermal Environments on Growth and Survival*. Oral Presentation at the Society for Integrative & Comparative Biology (Orlando, FL) and Benthic Ecology meeting (Quebec City, Canada)
- Schneider KR**, KL Nylund, and BST Helmuth. 2004. *Does Temperature Regulate Intertidal Distribution on Mytilus trossulus and M. galloprovincialis Within San Francisco Bay?* Oral presentation at the Society for Integrative & Comparative Biology meeting (New Orleans, LA)
- Schneider KR** and JF Zenger. 2003. *Enhancing Inquiry Based Science Instruction in High Needs Schools*. Oral Presentation at the National Teacher Quality Directors meeting (Los Angeles, CA).
- Schneider KR**, T Reeves, and G Crawley. 2003. *University of South Carolina's Graduate Through Faculty Training*. Poster presented at Center for Integrating Teaching, Research, and Learning (CITRL) Forum (Preparing Future Faculty; Madison WI)
- Schneider KR**, TJ Hilbish, and BST Helmuth. 2002. *Differential Movement as a Mechanism of Selection in Mytilus spp.* Oral Presentation at the Society for Integrative & Comparative Biology meeting (Anaheim, CA)
- Schneider KR** and LJ Chapman. 2001. *The Respiratory Ecology of Benthic Macroinvertebrates in a Swamp-River System in East Africa*. Poster Presentation at the Society for Integrative & Comparative Biology meeting (Chicago, IL)

## **TEACHING & MENTORING**

### University of Central Florida (2007- 2019)

- IDS 3913 and 4914, Introduction to Research, Transfer T-LEARN program (2016-2019)
- IDS 1911 and 2912, FTIC LEARN program, Introduction to Research I and II (2011-2019)
- IDS 3913, Summer Research Academy, Introduction to Research (2007-2017)
- OCE 3008, Oceanography, Biology Department (2007)
- Developed and facilitate undergraduate research workshop series (2007- present)
- Mentor for five undergraduate researchers (2008-2012)

### University of South Carolina (2000-2006):

- National Science Foundation GK-12 fellowship (2005-06)
  - Teacher, 7th grade science classroom, St. Andrews Middle school
  - Instructor, summer workshops for science teachers (2006)
- Faculty for Carolina Master Scholars program: Conducted an Adventures in Marine Science summer program for 6th and 9th graders (2006)
- Mentor for five undergraduate researchers (2003-2006)
- Mentor for four summer research teachers (2003-2005)
- Teaching Assistant: Ecology and Evolution Laboratory, Biology I, Environmental Science (2000-2005)

## **SERVICE**

### Assistant Vice Provost, Academic Innovation

- Oversaw the Academic Innovation team for the division, including five High-Impact Practice (HIP) offices- Academic Advancement Programs, Undergraduate Research, Experiential Learning, UCF Abroad, and EXCEL
- Developed the PeerKnights Coaching program for the division including directly overseeing transition, all around, and HIP student coaches.

- Developed and supported a new awards program and conference in SLAS

#### Founding Director of the Office of Undergraduate Research ([www.our.ucf.edu](http://www.our.ucf.edu))

- Implemented new programming- summer fellowship, student research grants, student workshop series, student council, peer mentoring program, INTRO program, Research Intensive (RI) course designation
- Created the LEARN<sup>®</sup> program, providing early engagement in research for FTIC and transfer student populations; now implemented at two other institutions
- Expanded undergraduate research programs- Showcase of Undergraduate Research Excellence, *The Pegasus Review: UCF Undergraduate Research Journal*, Summer Research Academy, travel awards
- Elected councilor to the Council on Undergraduate Research (CURE) for two terms (six years)
- Developed the *Statewide Symposium: Best Practice of Undergraduate Research* with UCF committee
- Founded and inaugural Chair of the *Florida Undergraduate Research Conference (FURC)* committee (2008-2019), and Historian of the new *Florida Undergraduate Research Association* (2019-present)
- Systematically documented undergraduate research in collaboration with Institutional Research

#### Assistant Dean, College of Undergraduate Studies

- Systematically documented High-Impact Educational Practices (HIPS) in collaboration with Institutional Research
- Served as division leader for assessment including annual reporting and institutional effectiveness
- Initiated a faculty review committee for HIP course designations
- Developed a peer mentoring system for the Integrative Academic Center for Engagement (iACE)
- Developed the HIP Coach Program with a faculty team

#### Professional Service and Leadership

- Student Circle Co-Lead, Florida National Security Innovation Network (2021-present)
- General Board, Florida Undergraduate Research Association Committee (2021-present)
- Historian, Florida Undergraduate Research Association Committee (2019-2021)
- Founding Chair- Florida Undergraduate Research Conference Planning Committee (2011-2019)
- Facilitator and Site Host- Council on Undergraduate Research- Initiating and Sustaining Undergraduate Research Institute (January 2018, Orlando, FL)
- Councilor- Council on Undergraduate Research (CUR)- Undergraduate Research Program Directors (URPD, Elected Position)
  - 2013-2016 and 2010-2013 (two elected terms)
  - Poster Co-Chair, URPD 2015 Conference in Norman, OK
  - Vice-Chair, Task Force on Ethics Training (2015)
  - Founding Editor, URPD Bi-Yearly Newsletter (2011- 2014)
  - Committee, URPD Newsletter (2014-2016)
- Reviewer for the following journals: *Climate Change Biology*, *Marine Biology*, *Aquatic Ecology*, *Marine Ecology Progress Series*, *Marine Environmental Research*, *Council on Undergraduate Research- Quarterly*
- Reviewer for the following grants: National Science Foundation (ad hoc)
- Reviewer for CUR Posters on the Hill (2013)

#### **PROFESSIONAL MEMBERSHIPS (current)**

Council on Undergraduate Research  
National Science Teachers Association

#### **UNIVERSITY LEADERSHIP**

Chair, HIP Course Designation Steering Committee (2017-present)

Implementation Lead Team Member, Re-Imagining the First Year (2016-2018)  
Chair, Search Committee, Director of Experiential Learning (2016)  
Chair, Undergraduate Research Council (2007-2016)  
• Co-Chair (2017- 2020)  
Co-Chair, LEARN Advisory Board (2011-2019)  
Chair, Statewide Symposium: Best Practices in Undergraduate Research (2008-present)

### **UNIVERSITY SERVICE**

Search Committee, Director for Data and Strategic Projects (2021)  
Persistence and Progression Committee (2021-present)  
Search Committee, Director of UCF Abroad (2019-2020)  
Committee Member, Student Research Week Planning (2007-present)  
Committee Member, University Assessment Committee (2016- present)  
Committee Member, UCF Downtown, Experiential Learning Task Force (2016- 2018)  
Search Committee, Assistant Dean in the Division of Teaching and Learning (2017)  
UCF Collective Impact, Team 1, Member (2016-2017)  
Search Committee, Dean of the Burnett Honors College (2016-2017)  
Foundations of Excellence, Transfer Initiative  
- Member, Implementation Team, Engagement (2015-2016)  
- Member, Development Team, Student Learning (2014-2015)  
Scholarly Communications Advisory Board- UCF Library (2015-2017)  
Graduate Studies Diversity Fellowship Committee (2011-2016)  
Research and Mentoring Program Committee (2008-2012)  
Search Committee, Director of Communications, Undergraduate Studies (2016)  
Search Committee, Vice Provost and Dean of Undergraduate Studies (2014-2015)  
Search Committee, Director of the Office of Experiential Learning (2014)  
Committee Member, Learning; Foundation of Excellence, Transfer Initiative (2014-2015)  
Committee Member, Quality Enhancement Plan Planning and Development Committee (2014)  
- Chair, White paper on integrating research into curriculum  
Team Member: Community Engagement Classification by the Carnegie Foundation (2013-2014)  
CASTL Undergraduate Research Committee (2008-2010)  
Search Committee, Director of the Faculty Center for Teaching and Learning (2010)

### **SYNERGISTIC ACTIVITIES**

**Seminole County School System** (2009- 2010), Work as a science consultant with teachers implementing an experimental science course (i.e., research based curriculum). Create research skills lessons and aid teachers in developing innovative research modules.

**National Science Foundation Graduate K-12 Fellowship** (2005-2006), University of South Carolina, College of Mechanical Engineering; developed and implemented hands-on science lessons for 7<sup>th</sup> grade classes at St. Andrews Middle School

**Teacher Quality Collaborative** (2002-2005), Consultant and Graduate Assistant in the University of South Carolina College of Education; worked with teachers on integrating science inquiry-based learning in K-8 schools and formed collaborations between University scientists and teachers at high need schools

**Research-Based Lesson Plans and Outreach Development, Helmuth Lab** (2001-2006), Development of research-based lesson plans (<http://www.northeastern.edu/helmuthlab/lessons/middle.html>).