Joanna Goodey-Pellois
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Education

Ph.D 2001 Chemistry, University of Houston, Houston, TX

Dissertation: The Synthesis and Characterization of Low-Dimensional Intermetallic Compounds of Barium, Nickel and Silicon (Prof. A. M. Guloy)

B.S. 1996 Chemistry, College of William and Mary, Williamsburg, VA

Professional Experience

2025-Present **Associate Dean for Faculty Success,** College of Arts and Sciences, Texas A&M University

2023-Present **Instructional Professor,** Dept. of Chemistry, Texas A&M University

2020-2023 **Instructional Associate Professor**, Dept. of Chemistry, Texas A&M University

2019-2024 **Director of the First Year Program in Chemistry,** Dept. of Chemistry, Texas A&M University

Director of general chemistry program with 10,000 students, 100 teaching assistants, 8 faculty and 5 staff.

2017-2020

2010-2018 **Instructional Assistant Professor**, Dept. of Chemistry, Texas A&M University

Associate Graduate Advisor, Dept. of Chemistry, Texas A&M University

Academic Advising, Conflict Mediation, Office Management, Admissions Coordination, Program Assessment, Professional Development Activities Coordination, Curriculum Development, Event Coordination, Industrial and Alumni Liaison

2007-2008 **General Chemistry Laboratory Coordinator**, Dept. of Chemistry, Texas A&M University

Curriculum Development, Teaching Assistant Training Coordination

2006-2016 **Senior Lecturer**, Dept. of Chemistry, Texas A&M University, College Station, TX

Courses Taught: Research Ethics in Chemistry, Senior Writing Seminar, General Chemistry

2002-2006 **Visiting Assistant Professor**, Dept. of Chemistry, Barnard College, Columbia University, New York, NY

Courses Taught: Advanced Inorganic Chemistry, Quantitative Chemical Analysis Laboratory, Integrated Physical and Inorganic Chemistry Laboratory, General Chemistry Laboratory Lectures, General Chemistry Recitation

2001-2002 **Postdoctoral Research Assistant**, Dept. of Chemistry, University of Houston, Houston, TX

Research - synthesis and characterization of non-linear optical oxides (Prof. P. S. Halasyamani)

Funded Proposals

2021 - **$600,000** (NSF 2102441) *Story Behind the Pseudoscience: Promoting Informed Socioscientific Decision-making*, (PI Benjamin Herman, Co-PI Asha Rao, Co-PI Joanna Goodey, Co-PI Michael Clough, Co-PI Tamara Powers).

2017 - **$1,387,325** (NSF 1723255) *Collaborative Research: The Texas A&M System AGEP Alliance: A Model to Advance Historically Underrepresented Minorities in the STEM Professoriate* (Co-PI with Karen L. Butler-Purry (PI), Rosana Moreira, Debra Fowler, Adrienne Carter-Sowell, Gloria Regisford (TAMU-PV), Scott King (TAMU-CC), and Linda Challoo (TAMU-K)).

2015 - **$25,000** Innovative Graduate Recruitment grant from the Texas A&M Office of Graduate and Professional Studies for creating a diversity-based recruiting event in Chemistry (with Ms. Valerie McLaughlin).

2011 - **$20,000** Texas A&M Computer Access Fee Fund grant for purchasing a class set of iPads for a technical communication seminar (with Dr. Holly Gaede).

Honors, Awards and Selective Professional Development

2024 University Professorship for Undergraduate Teaching Excellence (university-level)

2023 Provost APT Faculty Teaching Excellence Award (university-level)

2022 Administrative Leadership Learning Community (university-level selective leadership program)

2022 ADVANCE Administrative Fellow (hosted by the Office of Faculty Affairs)

2021 APT to Lead Faculty Learning Community (university-level selective leadership program)

2021 Association of Former Students Distinguished Achievement Award for Teaching (university-level)

2020 Association of Former Students Teaching Award (college-level)

2019 Texas A&M 21st Century Classroom Building Fellow (university-level selective program)

2019 Texas A&M Honoring Excellence Award (university-level student nominated award)

Service

University Service

2025-Present	Faculty Affairs Council
2024	Academic Success Center Advisory Board
2023	Member, New Faculty Academy Organizational Committee
2023	Chair, APT Hiring and Reclassification Task Force
2020-2021	Co-developer, Inclusive Teaching Faculty Fellows Learning Community
2019-2020	Member, Academic Professional Track Faculty Task Force
2019-2021	Member, IT Governance Teaching and Transformational Learning Technologies Committee
2019-2020	Member, Innovative Learning Classroom Building (ILCB) Task Force
2018-2019	Member, Transformational Teaching and Learning Conference Steering Committee
2015-2017	Member, Center for Teaching Excellence Faculty and Student Advisory Board
2015-2018	Member, Alliance for Graduate Education and the Professoriate Steering Committee
2014-2015	Member, Teaching Assistant Training and Evaluation Program Task Force

2013-2014 Member, Graduate Admissions Task Force

College of Arts and Science (and former College of Science) Service

2025-Present Co-chair, Large Course Operations Committee

2025-Present Chair, Faculty Advisory Committee, Academic Professional Track

2025-Present Chair, Dean's Advisory Committee, Academic Professional Track

2024 Member, Dean's Advisory Committee, Academic Professional Track

2013-2014 Member, Department of Chemistry Department Head Search Committee

2010-2018 Member, Graduate Instructional Committee

Department of Chemistry Service

2023-2024 Member, Promotion and Tenure Committee

2022-2024 Chair, APT Faculty Affairs Committee

2020-2024 Cochair, APT Faculty Search Committee

2021-2024 Member, Teaching Awards Committee

2020-2022 Member, APT Faculty Mentoring Committee

2015-2018 Member, Climate and Diversity Committee

2013-2018 Member, Graduate Curriculum Committee

2013-2018 Coordinator, Departmental Course Evaluations

2013-2016 Member, Website Committee

2010-2018 Member, Graduate Awards Committee

2010-2018 Member, Graduate Admissions and Review Committee

2009- Member, Academic Operations Committee

2008-2013 Member, Undergraduate Awards Committee

Other Service

2015-2018 Alternate Councilor, American Chemical Society Texas A&M Local Section

2013-2019 Participant, Physics and Engineering Festival

2009-2024 Coordinator (2012-2014)/Participant (2009-2024), Chemistry Open House

Professional Mentorship

APT Faculty Mentees: Afroz Karim, Chemistry; Samatha Fletcher, Biology; Joanna San Pedro, Chemistry; Cathy Serrano, Chemistry

Graduate Student Mentees: Ashley Cardenal, Rachel Chupik, Olivia Gunther, Mary Layne Harrell

Recent Workshop/Meeting/Event Participation, Facilitation, Coordination, or Development

Faculty Development Collaborative Networking Event, ***co-facilitator****, Texas A&M University, January 2025*

TAMU 101 New Faculty Orientation, ***co-developer and co-facilitator****, Texas A&M University, January 2025*

Third Party Conflict Resolution, ***participant****, Texas A&M University, December 2024*

Unlocking Digital Accessibility and Leveraging AI to Assist in Making Materials, ***participant****, Texas A&M University, December 2024*

Facilitating Learning: an introduction to the 5 families of strategies, ***co-developer and co-facilitator****,* Center for Teaching Excellence Texas A&M, January 2024, December 2025

Department of Chemistry APT Faculty Retreat, ***developer and facilitator****,* Texas A&M University, October 2023, 2024

National Institute of Scientific Teaching Mobile Summer Institute, ***mentor****,* Texas A&M University, May 2023, 2024

Developing Co-Created Learning Experiences that Engage Students, ***participant****, Texas A&M University, April 2024*

Using novel instructional materials to improve students' mis/disinformation detection and socioscientific decision-making workshop, ***co-developer****,* National Association for Research in Science Teaching International Conference, Denver, CO, March 2024.

Using novel instructional materials to improve students' mis/disinformation detection and socioscientific decision-making workshop, ***co-developer****,* Association of Science Teacher Education International Conference. New Orleans, LA. January 2024.

International Learning Assistant Conference, ***participant****,* Boulder CO, October 2023.

Using novel instructional materials to improve students' mis/disinformation detection and socioscientific decision-making, ***co-developer and co-facilitator****,* National Association for Research in Science Teaching Virtual Webinar, September 2023

Department of Chemistry APT Virtual Annual Retreat: Promotion, Self-Assessment and Mentoring, ***co-developer and co-facilitator***, Texas A&M University, June 2020

AAU STEM Network Conference, ***participant****,* Washington DC, January 2020

International Forum on Active Learning Classrooms, ***participant***, University of Minnesota, Twin Cities, August 2019

Teaching to Increase Diversity and Equity in STEM Workshop*,* ***participant****,* American Association of Colleges and Universities, Los Angeles, CA, June 2019

Ensuring Maximum Impact of the Student Success Initiative: Metacognition is the Key, ***participant***, Texas A&M University, May 2019

Active Learning in STEM Classes Big and Small, an NSF sponsored workshop, ***participant***, Sam Houston State University, June 2018

Flipping Your Course Institute, Instructional Technology Services, ***participant***, Texas A&M University, June 2018

Presentations and Publications

Presentations

How I Learned to Teach: Teaching Students How to Learn in General Chemistry, New Faculty Academy, Texas A&M, August 2024

Teaching Students how to Learn in General Chemistry, New Faculty Academy, Texas A&M, August 2023

Using Canvas as a Scaffold for Onboarding Freshmen STEM Students, Digital Learning Expo, Texas A&M, August 2023

What Does Success Look Like in a High Enrollment Lecture and Laboratory Course?, co-presented with Edward Lee, Center for Teaching Excellence Faculty Student Advisory Board, April 2023

Instructional Faculty Success as an Essential Requirement for Student Success in a Massive General Chemistry Program Abstract accepted in March, 2020. Because of the global COVID-19 pandemic, the 2020 Biennial Conference on Chemical Education was terminated on April 2, 2020, by the Executive Committee of the Division of Chemical Education, American Chemical Society; and, therefore, this presentation could not be given as intended.

Increasing Student Engagement Outside of the Classroom via Online Interactive, Review Sessions Texas A&M Transformative Teaching and Learning Conference, May 2019.

The Role of Technology in Effectively Teaching 6500 First-Semester Freshmen, Texas A&M Instructional Technology Services Teaching with Technology Lecture Series, October 2018

Peer Reviewed Publications

Mao, J.G.; **Goodey, J.**; Guloy, A. M. Synthesis and structure of $Ca_{18}Li_5In_{25.07}$: A novel intergrowth of Li-centered In-12 icosahedral clusters and electron-precise Zintl layers *Inorganic Chemistry* **2004**, *43*, 282-289.

Goodey, J.; Ok, K.M.; Broussard, J.; Hofmann, C.; Escobedo, F.V.; Halasyamani, P. S. Syntheses, structures, and second-harmonic generating properties in new quaternary tellurites: $A_2TeW_3O_{12}$ (A = K, Rb, or Cs) *Journal of Solid State Chemistry* **2003**, *175*, 3-12.

Goodey, J.; Broussard, J.; Halasyamani, P. S. Synthesis, structure, and characterization of a new second-harmonic-generating tellurite: $Na_2TeW_2O_9$ *Chemistry of Materials* **2002**, *14*, 3174-3180.

Mao, J.G.; **Goodey, J.**; Guloy, A. M. SrInGe and EuInGe: New Zintl phases with an unusual anionic network derived from the $ThSi_2$ structure *Inorganic Chemistry* **2002**, *41*, 931-937.

Goodey, J.; Mao, J. G.; Guloy, A. M. Ba_2NiSi_3: A one-dimensional solid-state metallocene analog *Journal of the American Chemical Society* **2000**, *122*, 10478-10479.

DeFotis, G. C.; Coker, G. S.; Jones, J. W.; Branch, C. S.; King, H. A.; Bergman, J. S.; Lee, S. **Goodey, J. R.** Static magnetic properties and relaxation of the insulating spin glass $Co_{1-x}Mn_xCl_2{\cdot}H_2O$ *Physical Review B* **1998**, *58,* 12178-12192.

DeFotis, G. C.; **Goodey, J.R.**; Narducci, A. A.; Welch, M. H. $NiBr_2{\cdot}3H_2O$, a lower dimensional antiferromagnet *Journal of Applied Physics* **1996**, *79*, 4718-4720.

Laboratory Manuals

General Chemistry of the Texas Environment, Chem 111/112 Laboratory Manual. 2nd Edition, Edited by **J. Goodey-Pellois,** E. J. Mawk, and J. B. King, Hayden-McNeil (2010).

General Chemistry of the Texas Environment, Chem 111/112 Laboratory Manual, 2008-2009. 1st Edition, Edited by **J. Goodey-Pellois** and E. J. Mawk, Hayden-McNeil (2008).

Chem 112 Laboratory Manual, General Chemistry of the Texas Environment, 2007-2008. 1st Edition, Edited by **J. Goodey-Pellois**, Hayden-McNeil (2007).