

CURRICULUM VITAE**NAME: Christopher Wild, Ph.D.****PRESENT POSITION AND ADDRESS:**

Dean of Health and Natural Science
 San Jacinto College (SJC), South Campus
 Executive Director, Center for Biotechnology
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https://www.researchgate.net/profile/Christopher_Wild2/publications

EDUCATION:

Ph.D., Department of Pharmacology and Toxicology, The University of Texas Medical Branch (UTMB), Texas, emphasis: Medicinal Chemistry / Pharmacology; Advisor: Professor Jia Zhou, Ph.D., Co-mentor: Professor Kathryn Cunningham, Ph.D.); G.P.A. 3.90 on 4.00 scale

M.S., Chemistry with Distinction, Department of Chemistry and Biochemistry, California State University, Northridge (CSUN), California (Synthetic Organic / Organometallic Chemistry; Advisor: Professor Gagik Melikyan, Ph.D., D. Sci.); G.P.A. 3.89 on 4.00 scale (Dean's List)

B.A., Biology *Cum Laude*, Department of Biology, California State University, Northridge, California; G.P.A. 3.69 on 4.00 scale (Dean's List)

A.S., Biology *Magna Cum Laude*, Antelope Valley College, Lancaster, California; G.P.A. 3.62 on 4.00 scale (Dean's List)

Coursework in education, Graduate School of Education, Loyola Marymount University, Los Angeles, California; G.P.A. 4.00 on 4.00 scale

PROFESSIONAL EXPERIENCE: (academic)***San Jacinto College, Houston, TX (08/2008-present)***

2023-present	Executive Director, Center for Biotechnology
2020-present	Dean, Health and Natural Science
2018-2020	Distinguished Professor of Chemistry (Level II), Department of Physical Science
2016-2020	Department Chair, Chemistry, Engineering, Geology, and Physics
2014-2020	Organic chemistry instructor, Summer Health Professions Education Program, grant funded collaboration with The University of Texas Health Science Center at Houston, TX
2013-2018	Distinguished Professor of Chemistry (Level I), Department of Physical

Science

2010-2013 Professor of Chemistry, Department of Physical Science

2008-2009 Adjunct Chemistry Professor, Department of Science

The University of Texas Medical Branch, Galveston, TX (05/2012-12/2022)

2018-2022 Adjunct Assistant Professor, Center for Addiction Research, Chemical Biology Program, Department of Pharmacology and Toxicology

2012-2018 Graduate Research Predoctoral Fellow, Department of Pharmacology and Toxicology, UTMB, Galveston, TX

Teach for America, Los Angeles, CA (2009)

2009 English/Chemistry Teacher

Antelope Valley Christian Schools, Lancaster, CA (2004-2005)

2004-2005 Junior and Senior High School Science Teacher

PROFESSIONAL EXPERIENCE: (Industry)

ChemicoMays – Amgen Division, Thousand Oaks, CA (2007-2010)

2009-2010 Chemical Technician, Amgen Division

2007-2008 Lead Biopharmaceutical Program Support Chemist, Amgen Division

Celanese Chemicals, Houston, TX (2008-2009)

2008-2009 Research Chemist II, Acetyls Research and Development,

TEACHING EXPERIENCE:

2010-2020 Organic Chemistry I & Laboratory, Organic Chemistry II & Laboratory, SJC

2009 English & Chemistry, Teach For America

2008-2009 General Chemistry & Laboratory, SJC

2005-2008 Organic Chemistry I Laboratory Graduate Teaching Associate, CSUN

2004-2005 High School Natural Science, Biology, Chemistry, Physics; Junior High Earth Science, Antelope Valley Christian Schools

JOURNAL REVIEWER:

American Chemical Society, Chemical Neuroscience, *ad hoc*
European Journal of Medicinal Chemistry, *ad hoc*
Current Topics in Medicinal Chemistry, *reviewer* and *guest editor*

GRANT REVIEW PANEL:

2022-present	Student Success Initiative Grant, SJC
2019	National Science Foundation (NSF) primary and secondary grant review panelist (ATE)
2018	National Science Foundation (NSF) primary and secondary grant review panelist (IUSE:EHR)
2018	National Science Foundation (NSF) primary and secondary grant review panelist (ATE)

RESEARCH ACTIVITIES:

Current Areas of Research

Past Areas of Research

Drug Discovery. Research interests are at the interface of synthetic organic chemistry and biology. Specifically, translational research using the tools of medicinal chemistry and pharmacology in the design of novel therapeutics with a special interest in using a “rational drug design” approach by leveraging structure-activity relationships as an iterative process toward the synthesis of small molecules that can be used as novel treatments for CNS disorders and cancer. Synthetic strategies guided by computational chemistry - and other tools available to the medicinal chemist will be utilized toward the development of G protein-coupled receptor modulators.

Previous research projects have included the development of new synthetic organic transformations; drug design and synthesis of novel compounds at the interface of organic, organometallic and medicinal chemistry; the development of homogeneous and heterogeneous catalysts; the synthesis of novel monomers for new emulsion applications; industrial plant process development and plant support experimentation; and economic feasibility analyses of industrial applications.

Grant support

Current

FY22-23 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY21-22) 6/2022 – 8/2026, \$127,505, PI: **Christopher Wild**.

FY21-22 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY21) 5/2020 – 8/2024, \$42,121, PI: **Christopher Wild**.

FY21-22 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY21-22U70) 5/2020 – 8/2024, \$24,673, PI: **Christopher Wild**.

FY19-20 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY19) 10/2018 – 8/2023, \$23,994, PI: **Christopher Wild**.

Past

Accelerating Credentials GEER (Creation of Sterile Compounding Certificate for Pharmacy Tech), Texas Higher Education Coordinating Board (Grant # 2020-GE-84425C) 1/2022 – 9/2022, \$27,110, PI: **Christopher Wild**.

FY18 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY18) 1/2017 – 8/2022, \$49,563, PI: **Christopher Wild**.

FY18-19 Professional Nursing Shortage Reduction Program, Texas Higher Education Coordinating Board (Grant # NSRPFY21-22) 4/2018 – 8/2022, \$20,000, PI: **Christopher Wild**.

CURE Summer Cancer Research Program (University of Iowa), National Institutes of Health, PI: 04/2016 – 08/2021; David Lubaroff, Ph.D., SJC coordinator: **Christopher Wild**, Ph.D.
Completed

San Jacinto College Foundation Student Success Initiative (Honors Program-STEM Connection), 08/2018 – 12/2018; PI: Sheema Nasir, M.D., \$1500, co-PI: **Christopher Wild**, Ph.D., Eddie Weller, Ph.D.
Completed

San Jacinto College Foundation Student Success Initiative (Undergraduate Research Symposium), 03/2018 – 12/2018; \$1500, PI: **Christopher Wild**, Ph.D.
Completed

Ruth L. Kirschstein Predoctoral Individual National Research Service Award (NRSA F31), National Institute on Drug Abuse (NIDA) of the National Institutes of Health (NIH), (NIDA Grant No. 1F31DA038922-01A1) 03/2016 – 03/2018; PI: **Christopher Wild**, M.S.
Completed

Neural and Pharmacological Mechanisms of Abused Drugs, UTMB Center for Addiction Research (NIDA Grant No. T32 DA007287-18) 06/2015 – 06/2016; PI: Kathryn Cunningham, Ph.D., Trainee: **Christopher Wild**, M.S
Terminated 03/2016 to accept F-award (see above)

Biology Collaborative Grant from the Gulf Coast Consortia (GCC), pharmacological sciences training fellowship reappointment from the Rice University/Keck Center for Interdisciplinary Bioscience Training of the GCC (NIGMS Grant No. T32 GM089657-04) 06/2014 – 06/2015; PI: John Hancock, M.D., Ph.D., Trainee: **Christopher Wild**, M.S
Completed

Biology Collaborative Grant from the Gulf Coast Consortia (GCC), pharmacological sciences training fellowship from the Rice University/Keck Center for Interdisciplinary Bioscience Training of the GCC (NIGMS Grant No. T32 GM089657-03). 06/2013 – 06/2014; PI: John Hancock, M.D., Ph.D., Trainee: **Christopher Wild**, M.S
Renewed

CSUN, University Corporation Student Research Grant "Synthesis of Eneidyne Toward the Treatment of Breast Cancer; \$10,000, PI: **Christopher Wild**; 10/2006-10/2007.
Completed

Pending/Submitted

COMMITTEE RESPONSIBILITIES:

State/Regional Level

2020	Fugitive Emissions Summit Americas Planning / Steering Committee, <i>member</i> (international)
2019-2020	Texas Higher Education Coordinating Board Environmental Science Field of Study Committee, <i>member</i> (state)
2018-2019	League City Chamber of Commerce SJC representative, Education Committee, <i>member</i> (regional)
2017-present	Houston GPS STEM Transferability Workgroup, <i>member</i> (regional)
2016-present	Pasadena Independent School District Early College High School Advisory Board, <i>member</i> (local)
2011-2012	Texas Higher Education Coordinating Board Science and Engineering State-wide Tuning Oversight Council, <i>member</i> (state)
2011-2012	Texas Higher Education Coordinating Board State-wide Chemistry Tuning Committee, Co-Chair (state)
2011-2012	SJC Vice Chancellor appointment to serve as chemistry content expert for surrounding independent school districts, SJC (regional)

College/University Level

2023-present	Academic Integrity Task Force, co-chair
2022-present	Instructional Process and Resource Work Group, <i>member</i>
2022	Disaster Operational Personnel Activation Taskforce, <i>member</i>
2021	Nursing Department Chair Hiring Committee, SJC, chair
2020	Physical Science Department Chair Hiring Committee, SJC, chair
2020-present	Workforce and Economic Development Council, SJC, <i>member</i>
2020-present	Dean's Council, SJC, <i>member</i>
2020	Energy Management Council, SJC, <i>member</i>
2019-present	College Scheduling Taskforce, SJC, <i>member</i> (<i>Analytics subcommittee chair</i>)
2018-2020	STEM Council Sub-Committee on Undergraduate Research, SJC, co-chair
2018-2019	STEM Council Sub-Committee on Recruitment, SJC, co-chair
2017-2020	Annual Undergraduate Research Symposium, SJC, Lead organizer and founder
2017-2020	Undergraduate Research Center planning committee, SJC, Lead and founder

- 2017-2019 Engineering Program Learning Outcomes Committee, SJC, **Lead**
- 2016-2019 Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) self-study, Natural Science Program-Level Learning Outcomes Development Team, SJC, *member*
- 2016-present College-wide Curriculum Steering Committee, SJC, *member*
- 2016-2019 College-wide Open Educational Resource Steering Committee, SJC, *member*
- 2016-2020 Pathways Chemistry Mapping Team, SJC, **Lead**
- 2016-2019 Pathways Physical Science Resource Team, SJC, *member*
- 2016-2020 Undergraduate Research Scholar Selection Committee, SJC, *member*
- 2013-present College-wide Science, Technology, Engineering, and Math (STEM) Council, *member*
- 2012-2016 T-STEM Challenge Scholarship Program Selection Committee Member and Campus Coordinator (Texas Higher Education Coordinating Board grant), SJC
- 2011-2012 Houston Pathways Initiative Project Committee, SJC, *member*
- 2011-2016 Louis Stokes Alliance for Minority Participation (LSAMP) in STEM (An NSF funded grant) Scholar Selection Committee and campus coordinator, SJC

Academic Division

- 2023 Division Operations Coordinator, SJC, **chair**
- 2020 Chair of Physical Sciences Hiring Committee, SJC, **chair**
- 2021 Chair of Nursing Hiring Committee, SJC, **chair**

Department Level

- 2020 Professor of Chemistry Hiring Committee, SJC, **chair**
- 2020 Professor of Physics Hiring Committee, SJC, **chair**
- 2019 Professor of Engineering Hiring Committee, SJC, **chair**
- 2018 Professor of Chemistry Hiring Committee, SJC, **chair**
- 2017 Professor of Chemistry Hiring Committee, SJC, **chair**
- 2016 Professor of Chemistry Hiring Committee, SJC, **chair**
- 2016 Professor of Geology Hiring Committee, SJC, **chair**
- 2016 Laboratory Supervisor Hiring Committee, SJC, **chair**

2016 Professor of Engineering Hiring Committee, SJC, *member*
2010-2017 Scholarship selection committees, *member*
2010-2011 Textbook Review Committee Chair, Department of Chemistry, SJC
2006-2007 Graduate Student Representative on Faculty Search Committee, CSUN

Other

2009 Research and Development Safety Committee, Celanese Chemicals, Pasadena, TX

COMMUNITY LEADERSHIP

2020-2023 Saint Clare of Assisi Catholic Church Pastoral Council, *member* (local)
2020-2022 Western Academy Board of Directors, *member*; Executive Committee, *member and secretary* (local)
2020-2022 Armand Bayou Nature Center Board of Trustees Executive Committee, **1st Vice President** (local)
2018-2022 Armand Bayou Nature Center Board of Trustees, *trustee* (local)

MEMBERSHIP IN SCIENTIFIC SOCIETIES/PROFESSIONAL ORGANIZATIONS:

2020-present Society of Catholic Scientists, *Regular member*
2014-2018 Society for Neuroscience, *member*
2014-2016 College on Problems of Drug Dependence, *member*
2011-present National Institute for Staff and Organizational Development, *member*
2007-2018 Sigma Xi Scientific Research Society, *at-large member*
2002-2018 American Chemical Society, *member*
2002-2014 American Association for the Advancement of Science, *member*

HONORS/AWARDS:

2021 Star Award (recognition for leading PPE 3D printing COVID team), SJC
2019 American Chemical Society Greater-Houston Section Two-Year College Professor of the Year Award
2019 Star Award (recognition for STEM Council work), SJC
2019 Star Award (recognition for National Conference for Undergraduate Research work), SJC

2018 Frances Adoue Lynch Distinguished Dissertation Award, Center for Addiction, UTMB

2017 Robert A. Welch Award for Excellence in Graduate Research in Chemistry, UTMB

2017 Mariann Blum, Ph.D. Endowed Presidential Scholarship (outstanding graduate student), UTMB

2017 The National Society of Leadership and Success, Sigma Alpha Pi, SJC

2017 Who's Who Among Students in American Universities and Colleges, UTMB

2017 Department of Pharmacology and Toxicology Annual Student Symposium, Best Oral Presentation, UTMB

2016 Betty J. Williams Scholar (outstanding bench scientist), UTMB

2016 Ruth L. Kirschstein Individual National Research Service Award Predoctoral Fellow, National Institute on Drug Abuse (NIDA) of the National Institutes of Health (NIH)

2016 Keystone Symposia Future of Science Scholar and travel award for G Protein-Coupled Receptors: Structure, Signaling and Drug Discovery Conference, Keystone, Colorado

2015 Honorary Membership for Excellence in Teaching, Phi Theta Kappa, SJC

2015 George Palmer Saunders II Memorial Scholar Award (top pharmacology student), Department of Pharmacology and Toxicology, UTMB

2015 Robert Bennett Scholar (top graduate student), Graduate School of Biomedical Sciences, UTMB

2015 T32 Training Award (*Pharmacological and Neural Mechanisms of Action of Drugs of Abuse*) funded by the National Institute on Drug Abuse (NIDA), UTMB

2014 Shirley and Albert E. Sanders, M.D. Presidential Scholar Award (top student in graduate or medical school), UTMB

2013 George Palmer Saunders II Memorial Scholar Award (top pharmacology student), Department of Pharmacology and Toxicology, UTMB

2013 Pharmacological sciences training fellowship recipient from the Rice University Keck Center for Interdisciplinary Bioscience Training (Gulf Coast Consortium, Texas Medical Center, National Institute of Health T32 Grant), UTMB

2013 Outstanding Poster Presentation. Behavior, Biology, and Chemistry: Translational Research in Addiction Conference, San Antonio, Texas.

2013 Behavior, Biology, and Chemistry: Translational Research in Addiction Conference Travel Award, San Antonio, Texas.

2012 National Institute for Staff and Organizational Development Excellence in Teaching and Leadership Award, University of Texas at Austin, SJC

2009 Amgen Fellow, Teach For America, Los Angeles, California

- 2008 Second Place Award Winner; California State University State-Wide Student Research Symposium Oral Presentation Competition, Hayward, California
- 2008 First Place Award Winner, CSUN Student Research Symposium Oral Presentation Competition, Northridge, California
- 2007 Teaching Assistant of the Year Award, Department of Chemistry and Biochemistry, CSUN, Northridge, California
- 2006 Second Place Award Winner; Sigma Xi Student Research Symposium Oral Presentation Competition, CSUN, Northridge, California
- 2006 Second Place Award Winner; CSUN Student Research Symposium Oral Presentation Competition, Northridge, California
- 2005 Teaching Associate Fellowship Recipient, CSUN, Northridge, California
- 2004 University Scholarship Recipient, CSUN, Northridge, California
- 2003 University Scholarship Recipient, CSUN, Northridge, California
- 2003 Golden Key International Honor Society, CSUN
- 2001 Honors Program Scholarship Recipient, Midwestern State University (MSU), Wichita Falls, Texas
- 2000 Alpha Lambda Delta National Honor Society, MSU
- 2000 Phi Eta Sigma National Honor Society, MSU

PUBLISHED:

PATENTS:

1. Zhou, J., Chen, J., **Wild, C.**, Anastasio, N., and Cunningham, K.A. Small Molecule Allosteric Modulators of the Serotonin (5-HT) 5-HT_{2C} and 5-HT_{2A} Receptors. Application number 63/326,600 (April 1, **2022**), patent pending.

ARTICLES IN PEER-REVIEWED JOURNALS (23):

1. Chen, J., Garcia, E., Merritt, C., Zamora, J., Bolinger, A., Pazdrak, K., Stafford, S., Mifflin, R., Wold, E., **Wild, C.**, Chen, H., Anastasio, N., Cunningham, K., Zhou, J. Discovery of Novel Oleamide Analogues as Brain-Penetrant Positive Allosteric Serotonin 5-HT_{2C} Receptor and Dual 5-HT_{2C}/5-HT_{2A} Receptor Modulators. *Journal of Medicinal Chemistry*, **2023**, 66(14), 9992-10009. DOI: [10.1021/acs.jmedchem.3c00908](https://doi.org/10.1021/acs.jmedchem.3c00908)
2. Kuang, Y., Ye, N., Kyani, A., Ljungman, M., Paulsen, M., Chen, H., Zhou, M., **Wild, C.**, Chen, C., Zhou, J., Neamati, N. Induction of Genes Implicated in Stress Response and Autophagy by a Novel Quinolin-8-yl-nicotinamide QN523 in Pancreatic Cancer. *Journal of Medicinal Chemistry*, **2022**, 665 (8), 6133-6156. DOI: <https://doi.org/10.1021/acs.jmedchem.1c02207>

3. Wold, E. A., Garcia, E., **Wild, C.**, Miszkiel, J., Soto, C., Chen, J., Pazdrak, K., Fox, R., Anastasio, N., Cunningham, K., Zhou, J. Discovery of 4-Phenylpiperidine-2-Carboxamide Analogues as Serotonin 5-HT_{2C} Receptor Positive Allosteric Modulators with Enhanced Drug-Like Properties. *Journal of Medicinal Chemistry*, **2020**, 63 (14), 7529-7544. PMID: [PMC8434884](#)
4. Wold, E. A., **Wild, C.**, Cunningham, K.A., Zhou, J. Targeting the 5-HT_{2C} Receptor in Biological Context and the Current State of 5-HT_{2C} Receptor Ligand Development. *Current Topics in Medicinal Chemistry*, **2019**, 19(16), 1381-1398. PMID: [PMC6761005](#)
5. **Wild, C.**, Zhou, J. GPCR Drug Discovery: Emerging Targets, Novel Approaches and Future Trends. *Current Topics in Medicinal Chemistry*, **2019**, 19(6), 1363-1364. PMID: [PMC6905493](#)
6. **Wild, C.**, Miszkiel, J. M., Wold, E. A., Soto, C., Ding, C., Hartley, R., White, M., Anastasio, N., Cunningham, K., Zhou, J. Design, Synthesis, and Characterization of 4-Undecylpiperidine-2-Carboxamides as Selective Positive Allosteric Modulators of the 5-HT_{2C} Receptor. *Journal of Medicinal Chemistry*, **2019**, 62, 288-305. PMID: [PMC6533912](#)
7. Ding, Y., Ding, C., Ye, N., Zhiqing, L., Wold, E., Chen, H., **Wild, C.**, Shen, Q., Zhou, J. Discovery and development of natural product oridonin-inspired anticancer agents. *European Journal of Medicinal Chemistry*, **2016**, 122, 102-117. PMID: [PMC5003635](#)
8. **Wild, C.**, Zhu, Y., Ye, N., Mei, F., Ynalvez, M., Chen, H., Cheng, X., Zhou, J. Functionalized *N,N*-Biarylamines as Potent and Selective EPAC2 Inhibitors. *ACS Medicinal Chemistry Letters*, **2016**, 7(5), 460-464. PMID: [PMC4867506](#)
9. Liu, Z., Ding, Y., Ye, N., **Wild, C.**, Chen, H., Zhou, J. Direct Activation of Bax Protein for Cancer Therapy. *Medicinal Research Reviews*, **2016**, 36(2), 313-341. PMID: [PMC4752390](#)
10. Liu, Z., **Wild, C.**, Ding, Y., Ye, N., Chen, H., Wold, E., Zhou, J. BH4 Domain of Bcl-2 as a Novel Target for Cancer Therapy. *Drug Discovery Today*, **2016**, 6, 989-996. PMID: [PMC4882289](#)
11. Ye, N., Zhu, Y., Chen, H., Liu, Z., Mei, F., **Wild, C.**, Chen, H., Xiaodong, C., Zhou, J. Structure-Activity Relationship Studies of Substituted 2-(Isoxazol-3-yl)-2-Oxo-N'-Phenyl-Acetohydrazonyl Cyanide Analogues: Identification of Potent EPAC Antagonists. *Journal of Medicinal Chemistry*, **2015**, 58, 6033-6047. PMID: [PMC4769034](#)
12. Ding, C., Wang, L., Chen, H., **Wild, C.**, Ye, N., Ding, Y., Wang, T., White, M., Shen, Q., Zhou, J. ent-Kaurane-Based Regio- and Stereoselective Inverse Electron Demand Hetero-Diels-Alder Reactions: Synthesis of Dihydropyran-Fused Diterpenoids. *Organic and Biomolecular Chemistry*, **2014**, 12, 8442-8452. PMID: [PMC4192081](#)
13. Chen, H., Yang, Z., Ding, C., Xiong, A., **Wild, C.**, Wang, L., Ye, N., Cai, G., Flores, R., Ding, Y., Shen, Q., Zhou, J. Discovery of potent Anticancer Agent HJC0416, an Orally Bioavailable Small Molecule Inhibitor of Signal Transducer and Activator of Transcription 3 (STAT3). *European Journal of Medicinal Chemistry*, **2014**, 82, 195-203. PMID: [PMC4096847](#)
14. Ye, N., Ding, Y., **Wild, C.**, Shen, Q., Zhou, J. Small Molecule Inhibitors Targeting Activator Protein 1 (AP-1). *Journal of Medicinal Chemistry*, **2014**, 57, 6930-6948. PMID: [PMC4148154](#)
15. **Wild, C.**, Cunningham, K., Zhou, J. Allosteric Modulation of G Protein-Coupled Receptors: An Emerging Approach of Drug Discovery. *Austin Journal of Pharmacology and Therapeutics*, **2014**, 2(1), 1-3. PMID: [PMC4852709](#)

16. Chen, H., **Wild, C.**, Zhou, X., Ye, N., Cheng, X., Zhou, J. Recent Advances in the Discovery of Small Molecules Targeting Exchange Proteins Directly Activated by cAMP (EPAC). *Journal of Medicinal Chemistry*, **2014**, *57*, 3651-3655. PMID: [PMC4016168](#)
17. Ding, C., Zhang, Y., Chen, H., Yang, Z., **Wild, C.**, Ye, N., Ester, C., Xiong, A., White, M., Shen, Q., Zhou, J. Oridonin Ring A-Based Diverse Constructions of Enone Functionality: Identification of Novel Dienone Analogues Effective for Highly Aggressive Breast Cancer by Inducing Apoptosis. *Journal of Medicinal Chemistry*, **2013**, *56*, 8814-8825. PMID: [PMC3880594](#)
18. Ding, C., Chen, H., **Wild, C.**, White, M., Zhou, J. Overcoming the Synthetic Challenges of Oridonin A-Ring Structural Diversification: Regio- and Stereoselective Installation of Azides and 1,2,3-Triazoles at the C-1, C-2, or C-3 Position. *Organic Letters*, **2013**, *15* (14), 3718-3721. PMID: [PMC3779473](#)
19. Ding, C., Zhang, Y., Chen, H., Yang, Z., **Wild, C.**, Chu, L., Liu, H., Shen, Q., Zhou, J. Novel Nitrogen-Enriched Oridonin Analogues with Thiazole-Fused A-Ring: Protecting Group-Free Synthesis, Enhanced Anticancer Profile, and Improved Aqueous Solubility. *Journal of Medicinal Chemistry*, **2013**, *56*, 5048-5058. PMID: [PMC3712786](#)
20. Chen, H., Wang, C., Ding, **C.**, **Wild, C.**, Liu, H., Wang, T., White, M., Cheng, X., Zhou, J., Efficient Synthesis of ESI-09, a Novel Non-cyclic Nucleotide EPAC Antagonist. *Tetrahedron Letters*, **2013**, *54*, 1546-1549. PMID: [PMC3580859](#)
21. Chen, H., Wang, C., Ding, **C.**, **Wild, C.**, Copits, B., Vernon, C., Swanson, G., Johnson, K., Zhou, J., A Combined Bioinformatics and Chemoinformatics Approach for Developing Asymmetric Bivalent AMPA Receptor Positive Allosteric Modulators as Neuroprotective Agents. *ChemMedChem*, **2013**, *8*, 226-230. PMID: [PMC3733225](#)
22. Melikyan, G.G., Voorhees, E., **Wild, C.**, Spencer, R., Molnar, J., Carbon Tether Rigidity as a Stereochemical Tool Directing Intramolecular Radical Cyclizations, *Tetrahedron Letters*, **2010**, *51*, 2287-2290
23. Melikyan, G.G., **Wild, C.**, Toure, P., Intramolecular Cyclizations of Co₂(CO)₆-Complexed Propargyl Radicals: Synthesis of *d,l* and *meso*-1,5-Cyclodecadiynes, *Organometallics*, **2008**, *27*, 1569-1581.

OTHER, NON-PEER REVIEWED:

Williams, D., **Wild, C.** et al. Making Opportunity Affordable in Texas: A Student-Centered Approach, Tuning of Chemistry. *Recommendations for the Texas Higher Education Coordinating Board*, **2012**

Thesis/Dissertation

Ph.D. Dissertation: Synthesis of Novel Allosteric Modulators for the Serotonin 2C Receptor Toward the Treatment of Psychostimulant abuse. **2018**

M.Sc. Thesis: Cobalt-Mediated Propargyl Radical Cyclizations, **2008**

ABSTRACTS from conference proceedings (47):

J. Chen, E. A. Wold, E. J. Garcia, K. Pazdrak, **C. T. Wild**, R. C. Mifflin, H. Chen, N. C. Anastasio, K. A. Cunningham, J. Zhou. Oleamide Analogues as Positive Allosteric Modulators of the Serotonin (5-HT) 5-HT_{2C} and 5-HT_{2A} Receptors. ASPET 2021 Experimental Biology, April 27 –

30, **2021**, Virtual Event.

N.C. Anastasio, E.A. Wold, E. J. Garcia, K. Pazdrak, J. Chen, **C. T. Wild**, J. Zhou, K.A. Cunningham. Pharmacological Evaluations of a Novel Chemical Series of Serotonin 5-HT_{2C} Receptor (5-HT_{2CR}) Positive Allosteric Modulators. 2019 American College of Neuropsychopharmacology (ACNP) Annual Meeting, Dec. 08 - 12, **2019**, Hollywood, FL

E. A. Wold, **C. T. Wild**, J. Chen, K. Pazdrak, E. J. Garcia, N. C. Anastasio, H. Chen, K.A. Cunningham, J. Zhou. In vitro and in silico illumination of a serotonin 5-HT_{2C} receptor (5-HT_{2CR}) allosteric binding site with novel allosteric modulators. 2019 College on Problems of Drug Dependence (CPDD) Annual Meeting, June 15-19, **2019**: San Antonio, TX.

E. Wold, **C. Wild**, J. Chen, K. Pazdrak, E. Garcia, N. Anastasio, K. Cunningham, J. Zhou. Towards characterizing a serotonin (5-HT) 5-HT_{2c} receptor allosteric binding site via compound design and synthesis, in vitro characterization, and in silico docking of 5-HT_{2c} receptor PAMs. Behavior, Biology, and Chemistry: Translational Research in Addiction (oral). San Antonio, TX. 03/**2019**.

E. Wold, **C. Wild**, J. Chen, K. Pazdrak, E. Garcia, N. Anastasio, M. White, H. Chen, K. Cunningham, J. Zhou. Design, Synthesis, In Vitro, and In Silico Evaluation of a Novel Series of Serotonin 5-HT_{2c} Receptor (5-HT_{2cR}) Positive Allosteric Modulators (PAMs). American Society for Pharmacology and Experimental Therapeutics (ASPET) Annual Meeting (invited poster). Orlando, FL. 04/**2019**.

E. Wold, **C. Wild**, J. Chen, K. Pazdrak, E. Garcia, N. Anastasio, H. Chen, K. Cunningham, J. Zhou. In vitro and in silico illumination of an allosteric serotonin 5-HT_{2C} receptor (5-HT_{2CR}) binding site. The College on Problems of Drug Dependence (oral). San Antonio, TX. 06/**2019**.

Pharmacological evaluation of 4-phenylpyridine-2-carboxamides as serotonin 5-HT_{2C} receptor (5-HT_{2CR}) positive allosteric modulators. Erik J. Garcia, Eric A. Wold, Konrad Pazdrak, Christopher T. Wild, Noelle C. Anastasio, Jia Zhou, Kathryn A. Cunningham. Promoting Diversity in Health-Related Fields Workshop, National Institute on Drug Abuse (poster). Bethesda, MD. 04/**2019**.

J. M. Miszkiel, **C. Wild**, C. Ding, E. A. Wold, R. G. Fox, S. J. Stutz, N. C. Anastasio, J. Zhou, K. A. Cunningham. Behavioral Profile of a Novel Serotonin 5-HT_{2C} Receptor (5-HT_{2cR}) Positive Allosteric Modulator. The 2017 annual meeting of the Society for Neuroscience (SFN), November 11-15, **2017**, Washington, DC.

E. A. Wold, **C. Wild**, **C. McAllister**, Y. Ding, N. C. Anastasio, R. G. Fox, S. Stutz, M. A. White, H. Chen, J. A. Allen, K. A. Cunningham, J. Zhou. Discovery and Synthesis of 4-Phenylpiperidine-2-carboxamides as Selective 5-HT_{2c} Receptor Positive Allosteric Modulators. 254th American Chemical Society (ACS) National Meeting & Exposition, August 20-24, **2017**, Washington, D.C.

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PUBLICATIONS – SUBMITTED / ACCEPTED:

PUBLICATIONS – IN PREPARATION:

INVITED LECTURES - OFF CAMPUS (Research):

Small molecule allosteric modulation of G protein-coupled receptors: a potential paradigm shift in drug discovery. Department of Chemistry, University of Houston Downtown, Texas **2015**

INVITED LECTURES - OFF CAMPUS (Chemical Education):

Texas Statewide Competencies in Chemistry, Texas Community College Teachers Association 66th Annual Convention, Houston, TX: Invited speaker, panelist, and panel co-chair, **2013**

Midwestern Higher Education Compact Tuning Curricula Meeting, Indianapolis, IN: Invited panelist, **2012**

Texas Essential Knowledge and Skills for High School Chemistry, Houston Pathways Initiative Training Session for Deer Park Independent School District Chemistry Faculty, Deer Park, TX **2012**

Texas Essential Knowledge and Skills for High School Chemistry, Session 4: Solutions and Aqueous Reactions. Houston Pathways Initiative Training Session for Pasadena Independent School District Chemistry Faculty, Rayburn High School, Houston, TX **2011**

Texas Essential Knowledge and Skills for High School Chemistry, Session 3: Molecular Structure. Houston Pathways Initiative Training Session for Pasadena Independent School District Chemistry Faculty, South Houston High School, Houston, TX **2011**

Texas Essential Knowledge and Skills for High School Chemistry, Session 2: Nuclear Chemistry.
Houston Pathways Initiative Training Session for Pasadena Independent School District
Chemistry Faculty, Dobie High School, Pasadena, TX **2011**

Texas Essential Knowledge and Skills for High School Chemistry, Session 1: The Fundamentals.
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Chemistry Faculty, Pasadena High School, Pasadena, TX **2011**