

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

Assistant Vice Chancellor and Vice President
 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

Past

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

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

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

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

WildAccelerating 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 Enediynes Toward the Treatment of Breast Cancer; \$10,000, PI: **Christopher Wild**; 10/2006-10/2007.
Completed

Pending/Submitted

COMMITTEE RESPONSIBILITIES:

National/Regional/State Level

2024-present	BioMADE Workforce Needs Assessment Subcommittee, <i>member</i> (national)
2024-present	Texas Regional Biomanufacturing Education Certification Work Group, <i>member</i>
2023-present	Texas Delegation for Biotechnology Education, National Center for Biotechnology Education - InnovATE BIO, co-lead (State)
2024-present	Texas Healthcare and Bioscience Institute State-Federal Legislative Committee, <i>member</i> (State)
2023-present	Greater Houston Partnership Life Sciences Committee, <i>member</i> (regional)
2024-present	Greater Houston Partnership Synthetic Biology Sub-committee, <i>member</i> (regional)
2020	Fugitive Emissions Summit Americas Planning / Steering Committee, <i>member</i> (national)
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)
2017-2020	Houston GPS STEM Transferability Workgroup, <i>member</i> (regional)
2016-202	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

2024-present	San Jacinto College – National Institute for Biomanufacturing, Research and Training (Dublin, Ireland) Steering Committee
2024	Program and Support Services Alignment Taskforce, <i>member</i>
2024	House Bill 8 Performance Tier Funding Workgroup, <i>member</i>
2023-2024	Academic Integrity Task Force, co-chair
2022-2023	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**

2020-2024 Workforce and Economic Development Council, SJC, *member*

2020-present Dean's Council, SJC, *member*

2020 Energy Management Council, SJC, *member*

2019-2020 College Scheduling Taskforce, SJC, *member (Analytics subcommittee chair)*

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*

2016-2024 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*

2013-2024 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

2024 Division Operations Coordinator Hiring Committee, SJC, **chair**

2020 Chair of Physical Sciences Hiring Committee, SJC, **chair**

2021 Chair of Nursing Hiring Committee, SJC, **chair**

Department/Program Level

2024	Executive Assistant Hiring Committee, SJC, chair
2024	Biomanufacturing Instructor Hiring Committee, SJC, chair
2024	Professor of Biotechnology Hiring Committee, SJC, chair
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, <i>member</i>
2010-2017	Scholarship selection committees, <i>member</i>
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
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COMMUNITY LEADERSHIP

2020-2023	Saint Clare of Assisi Catholic Church Pastoral Council, <i>member</i> (local)
2020-2022	Western Academy Board of Directors, <i>member</i> ; Executive Committee, <i>member and secretary</i> (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, <i>trustee</i> (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

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.**, Miszkziel, 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](https://pubmed.ncbi.nlm.nih.gov/344884/)
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](https://pubmed.ncbi.nlm.nih.gov/321005/)
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](https://pubmed.ncbi.nlm.nih.gov/325493/)
6. **Wild, C.**, Miszkziel, 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](https://pubmed.ncbi.nlm.nih.gov/323912/)
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](https://pubmed.ncbi.nlm.nih.gov/2503635/)
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](https://pubmed.ncbi.nlm.nih.gov/2487506/)
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-Aceto-hydrazone 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/Disseration

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**.

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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/PANELIST - OFF CAMPUS (Education):

ADD LAKE HOUSTON

ADD BIZCOMs

ADD HALMA PANEL

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. Houston Pathways Initiative Training Session for Pasadena Independent School District Chemistry Faculty, Pasadena High School, Pasadena, TX **2011**