

Aleister Saunders
Executive Vice Provost

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PROFESSIONAL SUMMARY

Dynamic, goal-oriented, and results-driven academic executive with a proven record in driving growth, strategic thinking, problem-solving, process improvement and development, and developing impactful partnerships. Skilled at building and implementing effective strategic frameworks, navigating dynamic regulatory and political landscapes, streamlining operations, and engaging diverse stakeholders through strong communication skills. Recognized for strategic thinking, organizational excellence, and a collaborative institutional approach.

EDUCATION

Post-doctoral Training

Harvard Medical School / Massachusetts General Hospital
Department of Neurology / Center for Aging, Genetics, and Neurodegeneration
Project: Alzheimer's disease genetics
Mentor: Rudolph E. Tanzi, Ph.D.
1998-2001

Harvard Medical School / Massachusetts General Hospital
Department of Genetics / Department of Molecular Biology
Project: Eglin c-based Protein Aptamers
Mentor: Roger Brent, Ph.D.
1997-1998

Doctor of Philosophy in Biochemistry

University of North Carolina at Chapel Hill, 1996
Department of Biochemistry and Biophysics
Mentor: Gary J. Pielak, Ph.D.
Dissertation: "[The Effect of Osmolytes on Global and Local Stability of Cytochrome c.](#)"

Bachelor of Science in Biochemistry

The Pennsylvania State University, 1990
Department of Biochemistry and Molecular Biology

ACADEMIC POSITIONS

Drexel University

Department of Biology, College of Arts and Science
2016 Professor
2008 – 2016 Associate Professor
2002 – 2008 Assistant Professor

Department of Biochemistry & Molecular Biology

2016	Professor
2008 – 2016	Associate Professor
2004 – 2008	Assistant Professor

Harvard Medical School / Massachusetts General Hospital

Department of Neurology

2001 - 2002	Instructor
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ACADEMIC ADMINISTRATION POSITIONS

Over the past 10 to 15 years, Drexel University has emerged as a national leader in research and innovation while remaining true to its historical commitment to student success and deep civic engagement, I have been honored to play significant roles in advancing the university's research and academic missions. I have led efforts to strengthen a dynamic research ecosystem spanning health, engineering, design, and the social sciences, with a focus on translational impact, helping to secure and sustain its R1 classification and supporting the increase in US News and World Report rankings from 97 to 80. Working across academic and administrative units, I have fostered industry and community partnerships that deepen student learning and expand opportunities for collaborative innovation. I am also helping to lead and drive Drexel's Academic Transformation initiative, aligning structures, calendar and curricula to promote interdisciplinarity, flexibility, and student success in line with the Drexel 2030 Strategic Plan.

Research & Innovation: Executive Vice Provost

2019 – present (anticipated end date Dec 2026)

Serve as a key member of the President's senior leadership team, with dual reporting to the Provost and President, leading the University's research and innovation enterprise. Oversee all strategic, operational, and compliance aspects of research, scholarship, and creative activity, including the development and implementation of the University's Research Strategic Plan. Direct the Office of Research and Innovation, including technology transfer and commercialization. Guided the University to achieve and maintain Carnegie R1 status (2018, 2022, and 2025) as well as #1 rank for innovation impact for mid-sized Universities (2020). Grew research expenditures by 30%. Build strategic partnerships with industry, government, and non-profit organizations to drive innovation, economic development, and inclusive growth. Led and supported multiple collaborations with the federal government, including FutureTEX consortium. Led the University's response to federal research security mandates (e.g., NSPM-33), and foster research collaborations with new clinical partners following the Hahnemann University Hospital closure. Navigate the research enterprise through COVID-19. Collaborate on major institutional and regional initiatives, including the relocation of the medical and nursing schools to University City, and support the growth of the region's cell and gene therapy innovation ecosystem.

Research & Innovation: Senior Vice Provost for Research

2014–2019 (Interim: 2014–2016 ; Permanent : 2016–2019)

Led the University's research enterprise, reporting directly to the provost, with responsibility for the strategic, operational, and compliance dimensions of research, scholarship, and creative activity. Guided Drexel to achieve Carnegie R1 classification in 2018 and oversaw the growth of a \$130M+ research portfolio. Directed the development of research priorities for the University's capital campaign and played a key role in shaping the vision for Schuylkill Yards, a major innovation district designed to leverage Drexel's research strengths. Oversaw research space planning in collaboration with campus facilities and led the University's entry into medical marijuana research partnerships. Secured the three of largest research awards in Drexel's history—AFFOA (Department of Defense), FutureTEX (Department of War) and Promise Neighborhoods (Department of Education). Built strategic research collaborations with domestic and international academic and industry partners, and served as a liaison to national, state, and local political and business leaders.

Academic Transformation: Interim Executive Dean of the Nick Howley College of Engineering & Computing
2024 – Sept 2026

Appointed to lead the strategic integration of three academic units—School of Biomedical Engineering, Science and Health Systems; College of Engineering; and College of Computing and Informatics—into a unified technology-focused College of Engineering & Computer which is the largest college in terms of undergraduate enrollment. Collaborated closely with institutional leadership to define and implement a shared vision, set strategic priorities, and align academic and administrative functions. Overseeing all aspects of the integration, including engaging with faculty senate, academic quality, enrollment growth, instructional innovation, and faculty and staff engagement. Provided direct supervision to the Dean of Biomedical Engineering and the Interim Deans of Engineering and Computing & Informatics, ensuring cohesive leadership and operational excellence across the units. Helped to develop pitch which led to \$112.5M gift to name this newly integrated college.

Academic Transformation: Development, Feasibility testing, and Implementation roles
2023 – present

Facing the demographic cliff and other enrollment challenges, appointed to co-chair a University Advisory Committee to study Drexel's academic structure and make recommendations with the goal of better aligning assets to achieve strategic priorities, enhance Drexel's reputation and improve operational and financial performance. Recommendations presented to the University leadership, faculty and staff for consideration and feedback. Helped to lead a second phase, where separate teams studied the recommendations for feasibility. Upon board and president approving the recommendations, member of the core implementation team overseeing all workstreams. During this implementation phase, I oversee the largest integration of academic units while continuing to work with the provost and his academic transformation project management team on overall project implementation.

Associate Dean for Research and Graduate Studies, College of Arts and Science

Drexel University | 2012–2014

Led the strategic coordination and operational support of the College's research and graduate education initiatives. Advised the Dean on research development, graduate program growth, and resource allocation. Oversaw the distribution of internal funding to advance faculty research and enhance graduate student recruitment. Acted as the primary liaison to the University's Office of Research and Graduate College, advocating for College priorities and aligning institutional support with departmental needs. Fostered interdisciplinary collaboration and strengthened the infrastructure supporting PhD and master's programs across the College.

Associate Department Head, Department of Biology

Drexel University | 2008–2012

Appointed Interim Associate Department Head following the sudden passing of the department head, providing critical leadership and operational continuity during a period of transition. Supported a caretaker interim department head from the Psychology Department and provided onboarding and mentorship for four newly hired faculty members. Oversaw the responsible wind-down of the late department head's research lab and co-chaired the national search for a new department head. Continued in the role to support the incoming department head with strategic planning and operational management. Directed the graduate program, revamped recruitment strategies, and implemented equitable guidelines for PhD student mentorship. Coordinated departmental facilities and lab safety protocols to ensure compliance and efficiency.

Departmental Liaison for the design and construction of a new [Biology Building](#) 2007 – 2011

Served as the primary liaison between departmental faculty and architectural and construction teams during the planning and construction of a new Biology Building. Led the development of a program that aligned with the department's current and future research and educational needs. Collaborated with architects and university facilities to ensure design integrity and alignment with institutional goals. Represented the department in public-facing roles, providing tours to [press](#), dignitaries, prospective students, and other stakeholders.

TRAININGS/CERTIFICATES

Change Management Certification, Kotter 2025

Analytical & Quantitative Light Microscopy, Marine Biology Lab, 2012

AWARDS AND HONORS

Drexel University, Graduate Student Association, Outstanding Faculty Mentor, 2018

Drexel University, Provost's Award, 2014

Drexel University Graduate Mentor of the Year, Honorable Mention, 2008

Massachusetts ADRC Award, 2000

NIH National Research Fellowship Award, 1999

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Member, Sigma Chi, 2006 – 2010

Member, American Association for the Advancement of Science, 2000 - present

Member, Society for Neuroscience 2000 - 2016

SCIENTIFIC PRODUCTIVITY

Scientific Publications ([see link for complete publication list](#))

1. Vorobyeva AG, Saunders AJ. Amyloid- β interrupts canonical Sonic hedgehog signaling by distorting primary cilia structure. *Cilia*. 2018;7:5. doi: 10.1186/s13630-018-0059-y. eCollection 2018. PubMed PMID: 30140428; PubMed Central PMCID: PMC6098584.
2. Ward J, Wang H, Saunders AJ, Tanzi RE, Zhang C. Mechanisms that synergistically regulate η -secretase processing of APP and A η - α protein levels: relevance to pathogenesis and treatment of Alzheimer's disease. *Discov Med*. 2017 Feb;23(125):121-128. PubMed PMID: 28371615; PubMed Central PMCID: PMC5524192.
3. Crenshaw E, Leung BP, Kwok CK, Sharoni M, Olson K, Sebastian NP, Ansaloni S, Schweitzer-Stenner R, Akins MR, Bevilacqua PC, Saunders AJ. Amyloid Precursor Protein Translation Is Regulated by a 3'UTR Guanine Quadruplex. *PLoS One*. 2015;10(11):e0143160. doi: 10.1371/journal.pone.0143160. eCollection 2015. PubMed PMID: 26618502; PubMed Central PMCID: PMC4664259.
4. Wang H, Sang N, Zhang C, Raghupathi R, Tanzi RE, Saunders A. Cathepsin L Mediates the Degradation of Novel APP C-Terminal Fragments. *Biochemistry*. 2015 May 12;54(18):2806-16. doi: 10.1021/acs.biochem.5b00329. Epub 2015 Apr 28. PubMed PMID: 25910068; PubMed Central PMCID: PMC4521409.
5. Vorobyeva AG, Lee R, Miller S, Longen C, Sharoni M, Kandelwal PJ, Kim FJ, Marenda DR, Saunders AJ. Cyclopamine modulates γ -secretase-mediated cleavage of amyloid precursor protein by altering its subcellular trafficking and lysosomal degradation. *J Biol Chem*. 2014 Nov 28;289(48):33258-74. doi: 10.1074/jbc.M114.591792. Epub 2014 Oct 3. PubMed PMID: 25281744; PubMed Central PMCID: PMC4246084.
6. Mhatre SD, Michelson SJ, Gomes J, Tabb LP, Saunders AJ, Marenda DR. Development and characterization of an aged onset model of Alzheimer's disease in *Drosophila melanogaster*. *Exp Neurol*. 2014 Nov;261:772-81. doi: 10.1016/j.expneurol.2014.08.021. Epub 2014 Aug 27. PubMed PMID: 25173219.
7. Wang H, Saunders AJ. The role of ubiquitin-proteasome in the metabolism of amyloid precursor protein (APP): implications for novel therapeutic strategies for Alzheimer's disease. *Discov Med*. 2014 Jul-Aug;18(97):41-50. Review. PubMed PMID: 25091487.
8. Mhatre SD, Satyasi V, Killen M, Paddock BE, Moir RD, Saunders AJ, Marenda DR. Synaptic abnormalities in a *Drosophila* model of Alzheimer's disease. *Dis Model Mech*. 2014 Mar;7(3):373-85. doi: 10.1242/dmm.012104. Epub 2014 Jan 30. PubMed PMID: 24487408; PubMed Central PMCID: PMC3944497.
9. Mhatre SD, Paddock BE, Saunders AJ, Marenda DR. Invertebrate models of Alzheimer's

- disease. *J Alzheimers Dis.* 2013;33(1):3-16. doi: 10.3233/JAD-2012-121204. Review. PubMed PMID: 22886023.
10. Reza MA, Mhatre SD, Morrison JC, Utreja S, Saunders AJ, Breen DE, Marenda DR. Automated analysis of courtship suppression learning and memory in *Drosophila melanogaster*. *Fly (Austin)*. 2013 Apr-Jun;7(2):105-11. doi: 10.4161/fly.24110. Epub 2013 Apr 1. PubMed PMID: 23644900; PubMed Central PMCID: PMC3732329.
11. Hooli BV, Mohapatra G, Mattheisen M, Parrado AR, Roehr JT, Shen Y, Gusella JF, Moir R, Saunders AJ, Lange C, Tanzi RE, Bertram L. Role of common and rare APP DNA sequence variants in Alzheimer disease. *Neurology*. 2012 Apr 17;78(16):1250-7. doi: 10.1212/WNL.0b013e3182515972. Epub 2012 Apr 4. PubMed PMID: 22491860; PubMed Central PMCID: PMC3324321.
12. Distefano GM, Gangemi AJ, Khandelwal PJ, Saunders AJ, Marenda DR. *Drosophila* lilliputian is required for proneural gene expression in retinal development. *Dev Dyn*. 2012 Mar;241(3):553-62. doi: 10.1002/dvdy.23738. Epub 2012 Jan 25. PubMed PMID: 22275119; PubMed Central PMCID: PMC4946344.
13. Hiltunen M, Bertram L, Saunders AJ. Genetic risk factors: their function and comorbidities in Alzheimer's disease. *Int J Alzheimers Dis.* 2011;2011:925362. doi: 10.4061/2011/925362. Epub 2011 Aug 11. PubMed PMID: 21876830; PubMed Central PMCID: PMC3160713.
14. Chakraborty R, Vepuri V, Mhatre SD, Paddock BE, Miller S, Michelson SJ, Delvadia R, Desai A, Vinokur M, Melicharek DJ, Utreja S, Khandelwal P, Ansaloni S, Goldstein LE, Moir RD, Lee JC, Tabb LP, Saunders AJ, Marenda DR. Characterization of a *Drosophila* Alzheimer's disease model: pharmacological rescue of cognitive defects. *PLoS One*. 2011;6(6):e20799. doi: 10.1371/journal.pone.0020799. Epub 2011 Jun 6. PubMed PMID: 21673973; PubMed Central PMCID: PMC3108982.
15. Ansaloni S, Leung BP, Sebastian NP, Samudralwar R, Gadaleta M, Saunders AJ. TrkB Isoforms Differentially Affect AICD Production through Their Intracellular Functional Domains. *Int J Alzheimers Dis.* 2011 Feb 24;2011:729382. doi: 10.4061/2011/729382. PubMed PMID: 21423675; PubMed Central PMCID: PMC3056454.
16. Ansaloni S, Lelkes N, Snyder J, Epstein C, Dubey A, Saunders AJ. A streamlined sub-cloning procedure to transfer shRNA from a pSM2 vector to a pGIPZ lentiviral vector. *J RNAi Gene Silencing*. 2010 Oct 27;6(2):411-5. PubMed PMID: 21139985; PubMed Central PMCID: PMC2995545.
17. Zhang C, Saunders AJ. An emerging role for Ubiquilin 1 in regulating protein quality control system and in disease pathogenesis. *Discov Med*. 2009 Jun;8(40):18-22. Review. PubMed PMID: 19772837; PubMed Central PMCID: PMC3158983.
18. Jain S, Zhang X, Khandelwal PJ, Saunders AJ, Cummings BS, Oelkers P. Characterization of human lysophospholipid acyltransferase 3. *J Lipid Res*. 2009 Aug;50(8):1563-70. doi:

- 10.1194/jlr.M800398-JLR200. Epub 2009 Apr 7. PubMed PMID: 19351971; PubMed Central PMCID: PMC2724057.
19. Patel N, Hoang D, Miller N, Ansaloni S, Huang Q, Rogers JT, Lee JC, Saunders AJ. MicroRNAs can regulate human APP levels. *Mol Neurodegener.* 2008 Aug 6;3:10. doi: 10.1186/1750-1326-3-10. PubMed PMID: 18684319; PubMed Central PMCID: PMC2529281.
20. Zhang C, Khandelwal PJ, Chakraborty R, Cuellar TL, Sarangi S, Patel SA, Cosentino CP, O'Connor M, Lee JC, Tanzi RE, Saunders AJ. An AICD-based functional screen to identify APP metabolism regulators. *Mol Neurodegener.* 2007 Aug 24;2:15. doi: 10.1186/1750-1326-2-15. PubMed PMID: 17718916; PubMed Central PMCID: PMC2071909.
21. Zhang C, Saunders AJ. Therapeutic targeting of the alpha-secretase pathway to treat Alzheimer's disease. *Discov Med.* 2007 Aug;7(39):113-7. PubMed PMID: 18093473.
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25. Bishop PT, Cowley AR, Dilworth JR, Saunders AJ, Woollard-Shore JG. Substituent dependence of the reactions of [RuCl₂(PPh₃)₃] with bulky aromatic thiols. *Dalton Trans.* 2006 Mar 14;(10):1267-70. doi: 10.1039/b515244e. Epub 2006 Jan 10. PubMed PMID: 16505904.
26. Chylack LT Jr, Fu L, Mancini R, Martin-Rehrmann MD, Saunders AJ, Konopka G, Tian D, Hedley-Whyte ET, Folkerth RD, Goldstein LE. Lens epithelium-derived growth factor (LEDGF/p75) expression in fetal and adult human brain. *Exp Eye Res.* 2004 Dec;79(6):941-8. doi: 10.1016/j.exer.2004.08.022. PubMed PMID: 15642333.
27. Saunders AJ, Tanzi RE. Welcome to the complex disease world. Alpha2-macroglobulin and Alzheimer's disease. *Exp Neurol.* 2003 Nov;184(1):50-3. doi: 10.1016/j.expneurol.2003.09.004. PubMed PMID: 14637079.
28. Saunders AJ, Bertram L, Mullin K, Sampson AJ, Latifzai K, Basu S, Jones J, Kinney D, MacKenzie-Ingano L, Yu S, Albert MS, Moscarillo TJ, Go RC, Bassett SS, Daly MJ, Laird NM,

- Wang X, Velicelebi G, Wagner SL, Becker DK, Tanzi RE, Blacker D. Genetic association of Alzheimer's disease with multiple polymorphisms in alpha-2-macroglobulin. *Hum Mol Genet.* 2003 Nov 1;12(21):2765-76. doi: 10.1093/hmg/ddg310. Epub 2003 Sep 9. PubMed PMID: 12966032.
29. Bertram L, Saunders AJ, Mullin K, Sampson A, Moscarillo TJ, Basset SS, Go RC, Blacker D, Tanzi RE. No association between marker D10S1423 and Alzheimer's disease. *Mol Psychiatry.* 2003 Jun;8(6):571-3. doi: 10.1038/sj.mp.4001355. PubMed PMID: 12851634.
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 32. Bertram L, Blacker D, Mullin K, Keeney D, Jones J, Basu S, Yhu S, McInnis MG, Go RC, Vekrellis K, Selkoe DJ, Saunders AJ, Tanzi RE. Evidence for genetic linkage of Alzheimer's disease to chromosome 10q. *Science.* 2000 Dec 22;290(5500):2302-3. doi: 10.1126/science.290.5500.2302. PubMed PMID: 11125142.
 33. Yoo AS, Cheng I, Chung S, Grenfell TZ, Lee H, Pack-Chung E, Handler M, Shen J, Xia W, Tesco G, Saunders AJ, Ding K, Frosch MP, Tanzi RE, Kim TW. Presenilin-mediated modulation of capacitative calcium entry. *Neuron.* 2000 Sep;27(3):561-72. doi: 10.1016/s0896-6273(00)00066-0. PubMed PMID: 11055438.
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 35. Saunders AJ, Davis-Searles PR, Allen DL, Pielak GJ, Erie DA. Osmolyte-induced changes in protein conformational equilibria. *Biopolymers.* 2000 Apr 5;53(4):293-307. doi: 10.1002/(SICI)1097-0282(20000405)53:4<293::AID-BIP2>3.0.CO;2-T. PubMed PMID: 10685050.
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- reduction. J Biol Chem. 1999 Dec 24;274(52):37111-6. doi: 10.1074/jbc.274.52.37111. PubMed PMID: 10601271.
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 39. Betz SF, Marmorino JL, Saunders AJ, Doyle DF, Young GB, Pielak GJ. Unusual effects of an engineered disulfide on global and local protein stability. Biochemistry. 1996 Jun 11;35(23):7422-8. doi: 10.1021/bi9528558. PubMed PMID: 8652519.
 40. Pappa HS, Tajbaksh S, Saunders AJ, Pielak GJ, Poulos TL. Probing the cytochrome c peroxidase-cytochrome c electron transfer reaction using site specific cross-linking. Biochemistry. 1996 Apr 16;35(15):4837-45. doi: 10.1021/bi952935b. PubMed PMID: 8664274.
 41. Pielak GJ, Auld DS, Beasley JR, Betz SF, Cohen DS, Doyle DF, Finger SA, Fredericks ZL, Hilgen-Willis S, Saunders AJ. Protein thermal denaturation, side-chain models, and evolution: amino acid substitutions at a conserved helix-helix interface. Biochemistry. 1995 Mar 14;34(10):3268-76. doi: 10.1021/bi00010a017. PubMed PMID: 7880822.
 42. Geren LM, Beasley JR, Fine BR, Saunders AJ, Hibdon S, Pielak GJ, Durham B, Millett F. Design of a ruthenium-cytochrome c derivative to measure electron transfer to the initial acceptor in cytochrome c oxidase. J Biol Chem. 1995 Feb 10;270(6):2466-72. doi: 10.1074/jbc.270.6.2466. PubMed PMID: 7852307.
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 44. Willie A, McLean M, Liu RQ, Hilgen-Willis S, Saunders AJ, Pielak GJ, Sligar SG, Durham B, Millett F. Intracomplex electron transfer between ruthenium-65-cytochrome b5 and position-82 variants of yeast iso-1-cytochrome c. Biochemistry. 1993 Jul 27;32(29):7519-25. doi: 10.1021/bi00080a025. PubMed PMID: 8393343.
 45. Saunders AJ, Young GB, Pielak GJ. Polarity of disulfide bonds. Protein Sci. 1993 Jul;2(7):1183-4. doi: 10.1002/pro.5560020713. PubMed PMID: 8358301; PubMed Central PMCID: PMC2142416.

Grant Funding

Completed Research Funding - *detailed list available on request*

Total # - 18

Total \$ value ~\$3.9M

Patents/Invention Disclosures within the past ten years - *complete list available on request*

Cyclopamine modulation of APP processing

Invention Disclosure to Drexel University

Filing Date: Fall 2014

Inventors: Anna Vorobyeva, Daniel Marena, Aleister J. Saunders

Invited Scientific Presentations - *complete list available on request*

2025 Tower Health, Reading PA

2017 University of North Carolina at Chapel Hill, Chapel Hill, NC

2015 University of the Sciences, Philadelphia PA

2015 Harvard Medical School, Genetics and Aging Research Unit, Charlestown MA

2014 Society of Neuroscience Annual Meeting, Washington DC

2012 Drexel University, Department of Biology, Philadelphia PA

2012 Drexel University, Department of Biochemistry/Molecular Biology, Philadelphia PA

2012 Alzheimer's Association International Conference, Vancouver, BC

EDUCATIONAL ACTIVITIES AT DREXEL

Teaching Activities - *detailed list available on request*

Courses Taught with 100% Responsibility

- Principles of Molecular Biology (Bio 218)
- Readings in Biochemistry, Cellular & Molecular Biology (Bio 540)
- Biology of Aging (Bio 412)
- Molecular Mechanisms of Neurodegeneration (Bio 463 / 663)
- Laboratory Principles of Molecular Biology (Bio 219)
- Research Methods (NFS/Bio 601)
- Research (Bio497)
- Research in Bioscience (Bio997)

Courses Taught with less than 100% Responsibility

- University 101
- Graduate Student Seminar (Bio680)

Mentoring Activity - *detailed list available on request*

Post-doctoral Fellows – 1

PhD students

Served as primary advisor- 10

Thesis Committee Chair or Member- 50

Rotation Students - 15

MS students

Served as primary advisor- 1

Committee Chair or Member- 5

Undergraduate Research Students - 45

SERVICE ACTIVITIES

Administrative Service

Internal Service

- Chair, Chief Information Officer Search – 2025-2026
- Member, Vice President for Real Estate and Facilities Search – 2025
- Member, Neighborhood, Campus Development Group – 2022–2025
- US Dept of Education “Dear Colleague Letter” Task Force – 2024
- Middle States Accreditation Committee – 2024
- Co-chair, Consistency Feasibility Team – 2024
- Leader, Academic Transformation – 2024–present
- Co-chair, University Advisory Committee, Academic Structure – 2023
- Return Oversight Committee (COVID-19) – 2020–2022
- Executive Planning Committee (Strategic Plan) – 2018–2020
- Chair, College of Medicine Dean Search – 2018–2019
- Presidential Cabinet – 2019–2025
- Senior Leadership Team – 2019–present
- Crisis Management Team – 2019–present
- Provost Finance Committee – 2019–present
- Executive Council – 2015–present

External Service

- FutureTEX
 - Board member, Sept 2026 to present
- The Pew Charitable Trusts- Public Impact Research Council
 - Drexel University delegate, Sept 2026 to present
- Oak Ridge Associated Universities (ORAU)
 - Joint Council/Board Nominating Committee, 2025 to present
 - Research Committee, 2026 to present
- Commonwealth of Pennsylvania- Department of Community and Economic Development-Keystone AI and Quantum Factory Initiative
 - Institutional representative, Dec 2025 to present
- Commonwealth of Pennsylvania- Ben Franklin Technology Development Authority Board of Directors
 - Appointed by PA Governor Josh Shapiro
 - Board Member, 2024 to present
- University of New England
 - Board of Trustees, 2024 to present
 - Trusteeship Committee, 2024 to present
- Wistar Institute

- Trustee, 2023 to present
 - Scientific Advisory Board Member, 2023 to present
- University Industry Demonstration Partnership (UIDP)
 - Member, Joint Employment Project 2022
- University City Science Center
 - Board Member, 2019 to present
 - Executive Committee Member, 2020 to present
 - Scientific Advisory Committee Member, 2019 to 2021
 - Governance Committee Member, 2022 to present
- CEO Council for Growth
 - Cell and Gene Therapy Task Force 2019
- Advanced Functional Fabrics of America
 - Board observer, 2016 to 2024
- Federal Demonstration Partnership
 - Faculty Workload working group, 2018-2019
- Government University Industry Research Round Table (GUIRR)
 - Member, 2017 to present
- Council on Government Relations
 - Member, 2017 to present
- Margaret Q. Landenberger Foundation
 - Member, Scientific Advisory Board, 2013 to present

Academic Service

Complete list of university, college, department and community academic service activities is available upon request

REFERENCES

Available upon request