

Celebrating Drexel Authors

Co-hosted by
The Drexel University Libraries
&
The Office of the Provost

April 27, 2021



Trends in Scholarly Communications During COVID-19

- **200,000+** articles about COVID-19 published in 2020
- **30,00+** articles published as **Open Access preprints**
- Publishers saw as high as a **92% increase in health & medical articles** submitted in 2020 vs. 2019

2020 Authors of Highly Cited Papers

Presented by

Paul E. Jensen, PhD
Executive Vice President and
Nina Henderson Provost



Drexel Authors by the Numbers

Since 2013, we have recognized...

- **495 book authors & editors**
- **466 unique books**
- **111 impactful journal article authors** *(since 2017)*
- Representing **100% of colleges & schools**


Today, we recognize...

- **61 book authors & editors**
- **56 unique books**
- **32 authors of 24 highly-cited journal articles**
- **29 gold dragons**



***ACADEMY OF NATURAL SCIENCES
OF DREXEL UNIVERSITY***



Mark H. Sabaj Pérez, PhD 
Interim Curator of Ichthyology

***Codes for Natural History Collections in Ichthyology
& Herpetology***

Published in *Copeia*

***Phylogenomic Analysis of Trichomycterid Catfishes
(Teleostei: Siluriformes) Inferred from
Ultraconserved Elements***

Published in *Scientific Reports*



COLLEGE OF ARTS & SCIENCES



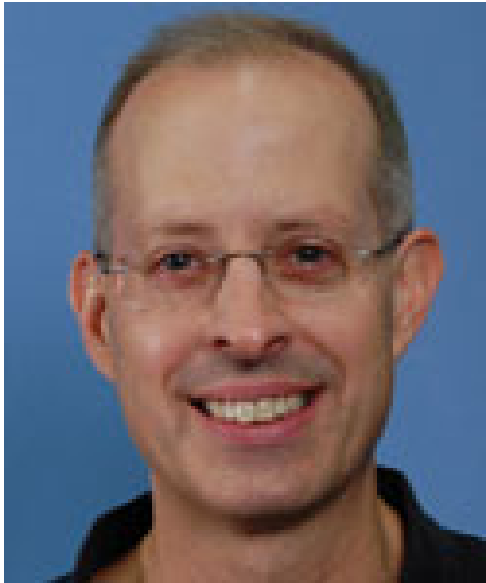
Hai-Feng Ji, PhD 

Professor

Department of Chemistry

A Search for Medications to Treat COVID-19 via in Silico Molecular Docking Models of the SARS-CoV-2 Spike Glycoprotein and 3CL Protease

Published in *Travel Medicine & Infectious Disease*



Gordon Richards, PhD 

Professor

Department of Physics

***The Karl G. Jansky Very Large Array Sky Survey
(VLASS): Science Case and Survey***

Published in *Publications of the Astronomical
Society of the Pacific*



Michael Silverstein, PhD

PhD Candidate

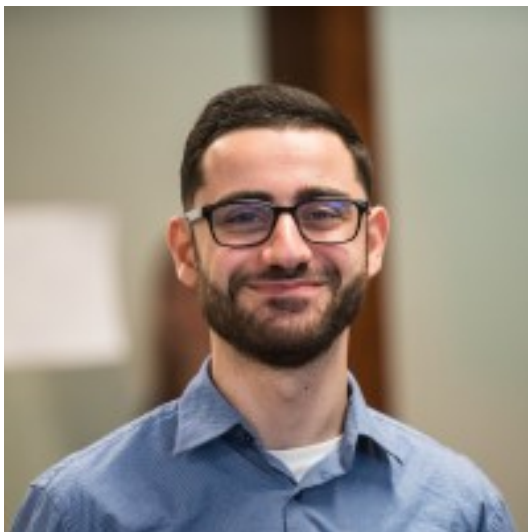
Department of Psychology

***The Relationship Between Executive Function
Deficits and DSM-5-Defined ADHD Symptoms***

Published in *Journal of Attention Disorders*



COLLEGE OF ENGINEERING



Mark H. Anayee

PhD Student

Department of Materials Science & Engineering

Scalable Synthesis of Ti_3C_2Tx Mxene

Published in *Advanced Engineering Materials*



Michael Barsoum, PhD 

Distinguished Professor

Department of Materials Science & Engineering

***2D Ti₃C₂T_z MXene Synthesized by Water-free
Etching of Ti₃AlC₂ in Polar Organic Solvents***

Published in *Chem*



Michael Carey

PhD Student

Department of Materials Science & Engineering

***2D Ti₃C₂Tz MXene Synthesized by Water-free
Etching of Ti₃AlC₂ in Polar Organic Solvents***

Published in *Chem*



Gary Friedman, PhD 

Professor

Department of Electrical & Computer Engineering

***Beyond Ti_3C_2Tx : MXenes for Electromagnetic
Interference Shielding***

Published in *ACS Nano*



Yury Gogotsi, PhD, DSc, DrHC 

Distinguished University and Charles T. and Ruth M.
Bach Professor
Department of Materials Science & Engineering

Beyond Ti₃C₂Tx: MXenes for Electromagnetic Interference Shielding

Published in *ACS Nano*

Electromagnetic Shielding of Monolayer MXene Assemblies

Published in *Advanced Materials*

MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles

Published in *Advanced Functional Materials*

Perspectives for Electrochemical Capacitors and Related Devices

Published in *Nature Materials*

Scalable Manufacturing of Free-Standing, Strong Ti₃C₂Tx MXene Films with Outstanding Conductivity

Published in *Advanced Materials*

Synthesis of Mo₄VC₄ MAX Phase and Two-Dimensional Mo₄VC₄ MXene with Five Atomic Layers of Transition Metals

Published in *ACS Nano*

Ti₃C₂Tx MXene-Reduced Graphene Oxide Composite Electrodes for Stretchable Supercapacitors

Published in *ACS Nano*

Toward Nanotechnology-Enabled Approaches against the COVID-19 Pandemic

Published in *ACS Nano*

Raman Spectroscopy Analysis of the Structure and Surface Chemistry of Ti₃C₂Tx MXene

Published in *Chemistry of Materials*

Scalable Synthesis of Ti₃C₂Tx MXene

Published in *Advanced Engineering Materials*



Meikang Han, PhD

Postdoctoral Researcher

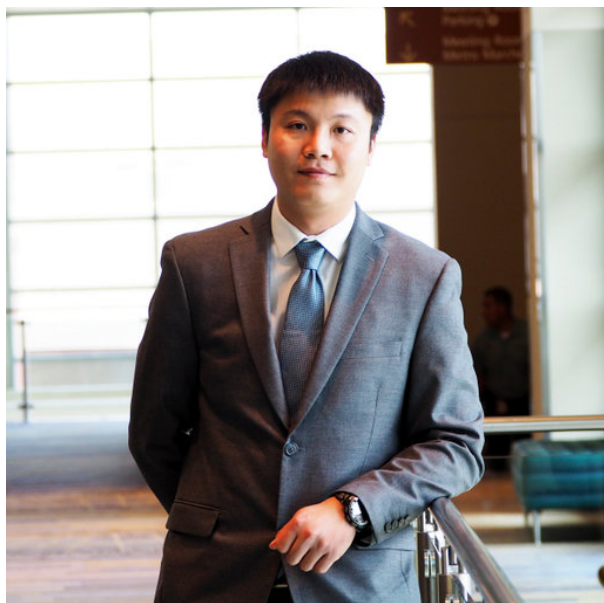
Department of Materials Science & Engineering

Beyond Ti₃C₂Tx: MXenes for Electromagnetic Interference Shielding

Published in *ACS Nano*

Scalable Manufacturing of Free-Standing, Strong Ti₃C₂Tx MXene Films with Outstanding Conductivity

Published in *Advanced Materials*



Kanit Hantanasirisakul 

PhD Student

Department of Materials Science & Engineering

Synthesis of Mo₄AlC₄ MAX Phase and Two-Dimensional Mo₄VC₄ MXene with Five Atomic Layers of Transition Metals

Published in *ACS Nano*



Vibha Kalra, PhD

Associate Professor

Department of Chemical & Biological Engineering

***2D Ti₃C₂Tz MXene Synthesized by Water-free
Etching of Ti₃AlC₂ in Polar Organic Solvents***

Published in *Chem*

**Ariana S. Levitt, PhD**

PhD Candidate

Department of Materials Science & Engineering

MXene Composite and Coaxial Fibers with High Stretchability and Conductivity for Wearable Strain Sensing Textiles

Published in *Advanced Functional Materials*

Scalable Manufacturing of Free-Standing, Strong Ti₃C₂T_x MXene Films with Outstanding Conductivity

Published in *Advanced Materials*

Scalable Synthesis of Ti₃C₂T_x MXene

Published in *Advanced Engineering Materials*



Shan Mei, PhD

PhD Candidate

Department of Materials Science & Engineering

***MXene/Polymer Membranes: Synthesis, Properties,
and Emerging Applications***

Published in *Chemistry of Materials*



Varun Natu

PhD Student

Department of Materials Science & Engineering

***2D Ti₃C₂T_z MXene Synthesized by Water-free
Etching of Ti₃AlC₂ in Polar Organic Solvents***

Published in *Chem*



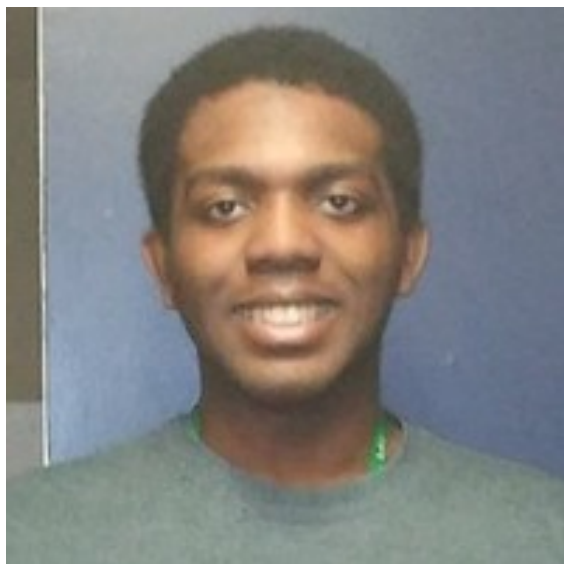
Rahul Pai

PhD Student

Department of Chemical & Biological Engineering

***2D Ti₃C₂Tz MXene Synthesized by Water-free
Etching of Ti₃AlC₂ in Polar Organic Solvents***

Published in *Chem*

**David Parchment**

Undergraduate Student

Department of Materials Science & Engineering

Beyond Ti_3C_2Tx : MXenes for Electromagnetic Interference Shielding

Published in *ACS Nano*



Asia Sarycheva, PhD 

PhD Candidate

Department of Materials Science & Engineering

Raman Spectroscopy Analysis of the Structure and Surface Chemistry of Ti₃C₂T_x MXene

Published in *Chemistry of Materials*

Scalable Synthesis of Ti₃C₂T_x MXene

Published in *Advanced Engineering Materials*

Synthesis of Mo₄VAIC₄ MAX Phase and Two-Dimensional Mo₄VC₄ MXene with Five Atomic Layers of Transition Metals

Published in *ACS Nano*

**Christopher Shuck, PhD**

Postdoctoral Researcher

Department of Materials Science & Engineering

Beyond Ti_3C_2Tx : MXenes for Electromagnetic Interference Shielding

Published in *ACS Nano*

Scalable Synthesis of Ti_3C_2Tx Mxene

Published in *Advanced Engineering Materials*

Synthesis of Mo_4VAlC_4 MAX Phase and Two-Dimensional Mo_4VC_4 MXene with Five Atomic Layers of Transition Metals

Published in *ACS Nano*

**Maxim Sokol, PhD**

Postdoctoral & Visiting Researcher

Department of Materials Science & Engineering

2D Ti₃C₂Tz MXene Synthesized by Water-free Etching of Ti₃AlC₂ in Polar Organic Solvents

Published in *Chem*



Wei Sun, PhD 

Albert Soffa Chair Professor
Department of Mechanical Engineering &
Mechanics

The Bioprinting Roadmap

Published in *Biofabrication*

**Simge Uzun, PhD**

Research & Teaching Assistant
Drexel Nanomaterials Institute & Center for
Functional Fabrics

***MXene Composite and Coaxial Fibers with High Stretchability
and Conductivity for Wearable Strain Sensing Textiles***

Published in Advanced Functional Materials

***Scalable Manufacturing of Free-Standing, Strong Ti₃C₂Tx
MXene Films with Outstanding Conductivity***

Published in Advanced Materials

Scalable Synthesis of Ti₃C₂Tx MXene

Published in Advanced Engineering Materials

Yuanzhe Zhu

Undergraduate Student

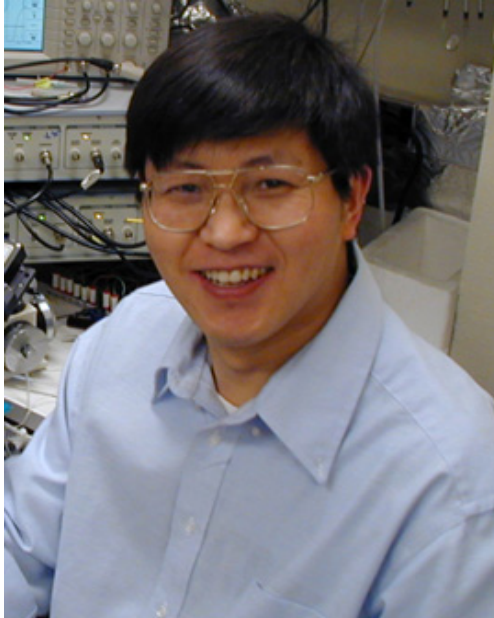
Department of Mechanical Engineering & Mechanics

Scalable Synthesis of Ti_3C_2Tx Mxene

Published in *Advanced Engineering Materials*



COLLEGE OF MEDICINE



Wen-Jun Gao, MD, PhD

Professor

Department of Neurobiology & Anatomy

***NMDA Receptor Hypofunction for Schizophrenia
Revisited: Perspectives from Epigenetic Mechanisms***

Published in *Schizophrenia Research*



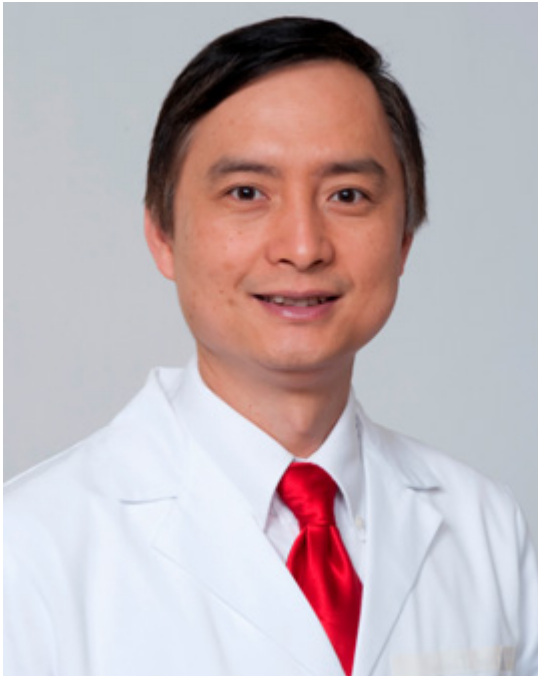
Peter Gaskill, PhD

Assistant Professor

Department of Pharmacology & Physiology

Where Is Dopamine and How Do Immune Cells See It?: Dopamine-Mediated Immune Cell Function in Health and Disease

Published in *Journal of Neuroimmune Pharmacology*



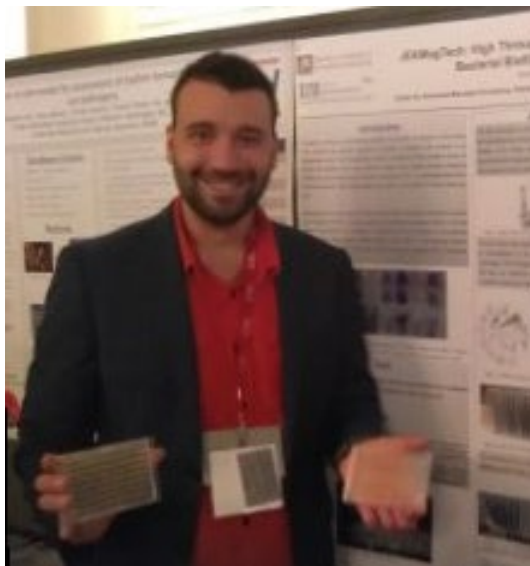
Shuping Ge, MD

Professor

Department of Pediatrics

***Deep Vein Thrombosis in Hospitalized Patients
with COVID-19 in Wuhan, China: Prevalence, Risk
Factors and Outcome***

Published in *Circulation*

**Donald Hall, PhD**

Postdoctoral Researcher & COVID-19 Molecular
Diagnostic Lab Supervisor
Department of Microbiology & Immunology

***A Search for Medications to Treat COVID-19 via in
Silico Molecular Docking Models of the SARS-CoV-
2 Spike Glycoprotein and 3CL***

Published in *Travel Medicine & Infectious Disease*



Edward Hartsough, PhD

Assistant Professor

Department of Pharmacology & Physiology

***Mutant BRAF and MEK Inhibitors Regulate the
Tumor Immune Microenvironment via Pyroptosis***

Published in *Cancer Discovery*



Stephanie Matt, PhD

Postdoctoral Researcher

Department of Pharmacology & Physiology

***Where Is Dopamine and How Do Immune Cells
See It?: Dopamine-Mediated Immune Cell
Function in Health and Disease***

Published in *Journal of Neuroimmune
Pharmacology*



***DORNSIFE SCHOOL OF
PUBLIC HEALTH***



Jonathan Purtle, DrPH, MPH, MSc 

Associate Professor

Department of Health Management & Policy

***Systematic Review of Evaluations of
Trauma-Informed Organizational Interventions
that Include Staff Trainings***

Published in *Trauma Violence & Abuse*



***WESTPHAL COLLEGE OF
MEDIA ARTS & DESIGN***



Daniel Chung, PhD, PE, RA, LEED AP

Associate Professor

Department of Architecture, Design & Urbanism

***Dynamic Thermal and Hygrometric Simulation of
Historical Buildings: Critical Factors and Possible
Solutions***

Published in *Renewable & Sustainable Energy
Reviews*



Genevieve Dion 

Professor

Director, Center for Functional Fabrics

Affiliate Faculty, Department of Materials Science
& Engineering

***MXene Composite and Coaxial Fibers with High
Stretchability and Conductivity for Wearable
Strain Sensing Textiles***

Published in *Advanced Functional Materials*

***Congratulations to all
authors of highly cited
papers!***

2020 Book Authors & Editors

Presented by

Danuta A. Nitecki, PhD
Dean of Libraries





A.J. DREXEL AUTISM INSTITUTE



Clinical Guide to Early Interventions for Children with Autism

Giacomo Vivanti, PhD 

Associate Professor

Early Detection & Intervention Research Program



COLLEGE OF ARTS & SCIENCES



***Evading International Norms:
Race & Rights in the Shadow of Legality***

Zoltán Búzás, PhD
Assistant Professor
Department of Politics



The Labyrinth of Cretan Cuisine

Maria Chnaraki, PhD
Professor



China's Urban Future & the Quest for Stability

Rebecca Clothey, PhD 

Associate Professor

Department of Global Studies and Modern Languages

Center for Public Policy



Becoming a Forensic Psychologist

David DeMatteo, JD, PhD 

Professor

Department of Psychology



Trauma & Transformation in African Literature

Roger Kurtz, PhD 

Professor & Department Head

Department of English & Philosophy



The Minor Virtues

Lynn Levin, MFA 

Adjunct Associate Professor
Department of English & Philosophy



***Living Quixote: Performative Activism in
Contemporary Brazil & the Americas***

Rogelio Miñana, PhD

Professor & Department Head

Department of Global Studies & Modern Languages




Some of the Times

Gina Myers, MFA
Content Coordinator



Essentials of Visual Interpretation

Rachel R. Reynolds, PhD 
Associate Professor
Department of Communication



The 33rd

Gail D. Rosen, JD 

Teaching Professor

Department of English & Philosophy



Island Future: Caribbean Survival in the Anthropocene

Mimi Sheller, PhD 

Professor

Department of Sociology



The Accidental Empress

Justin Smith, PhD 

Professor Emeritus

Department of Mathematics



The Great American Deception

Scott Stein, MFA

Teaching Professor

Department of English & Philosophy



***Feeling Medicine: How the Pelvic Exam
Shapes Medical Training***

Kelly Underman, PhD

Assistant Professor

Department of Sociology

Center for Science, Technology and Society



COLLEGE OF COMPUTING & INFORMATICS



Information Experience in Theory & Design

Tim Gorichanaz, PhD

Assistant Teaching Professor

Department of Information Science



Case-Based Reasoning Research & Development

Rosina Weber, PhD

Associate Professor

Department of Information Science



COLLEGE OF ENGINEERING



Structural Steel Design

Abieyuwa Aghayere, PhD 

Professor

Department of Civil, Architectural, & Environmental
Engineering

Introduction to Control System Design



Bor-Chin Chang, PhD

Professor

Department of Mechanical Engineering & Mechanics



Harry Kwatny, PhD 

S. Herbert Raynes Professor

Department of Mechanical Engineering & Mechanics



***The Spies at Carpenters' Hall:
A Blueprint for a Revolution***

Charles Cook, PhD, MFA 

Clinical Professor

Engineering Leadership & Society



Plasma Physics & Engineering

Alexander Fridman, PhD 

Nyheim Chair Professor & Director of the C.J Nyheim
Plasma Institute

Department of Mechanical Engineering & Mechanics



COLLEGE OF MEDICINE



***Advanced Concepts in Human Immunology:
Prospects for Disease Control***

Pooja Jain, PhD

Professor

Department of Microbiology & Immunology



Majority Rules: Completing the Journey to Women's Equity

Lynn Yeakel, MSM

Director, Drexel University College of Medicine's Institute for Women's Health and Leadership

Betty A. Cohen Chair in Women's Health



COLLEGE OF NURSING & HEALTH PROFESSIONS

The Opioid Epidemic: Medical, Nursing & Counseling Behavioral Treatment



Stephanie Brooks, PhD, LCSW, LMFT

Senior Associate Dean, Health Professions & Faculty Affairs

Clinical Professor

Counseling & Family Therapy Department



Albert Rundio, PhD, DNP, RN, APRN, NEA-BS, FNAP, FIAAN, FAAN 

Clinical Professor

Doctor of Nursing Practice Department



The Anti-Inflammatory Family Cookbook

Jonathan Deutsch, PhD, CHE, CRC 

Director, Drexel Food Lab

Professor

Department of Food & Hospitality Management



A Caregiver's Guide to Dementia: Using Activities & Other Strategies to Prevent, Reduce & Manage Behavioral Symptoms

Una Guía Para el Cuidador Sobre la Demencia: Como Utilizar Actividades y Otras Estrategias Para Prevenir, Reducir y Tratar Síntomas Conductuales (Spanish Edition)

Successful Grant Writing: Strategies for Health & Human Service Professionals

Laura Gitlin, PhD, FGSA, FAAN 
Dean & Distinguished University Professor



***Dementia 101: Simple, SenseAble
Suggestions to Connect & EngAge***

Natasha Goldstein-Levitas, MA, BC-DMT

Dance & Movement Therapist

Off-site Clinical Supervisor

Department of Creative Arts Therapies



Innovative Uses of Agricultural Products & Byproducts

Michael Tunick, PhD

Assistant Clinical Professor

Department of Food & Hospitality Management



***Lippincott Certification Review:
Adult-Gerontology Acute Care Nurse
Practitioner***

**Elizabeth Wirth-Tomaszewski, DNP, CCRN, CRNP,
ACNP-BC**

Track Director, Adult-Gerontology Acute Care Nurse
Practitioner Program
Assistant Clinical Professor
Graduate Nursing



DORNSIFE SCHOOL OF PUBLIC HEALTH

Urban Public Health: A Research Toolkit for Practice & Impact



Ana Diez Roux, PhD, MD, MPH 

Dean & Distinguished University Professor
Department of Epidemiology & Biostatistics



Jennifer Kolker, MPH

Associate Dean for Public Health Practice & External Relations
Clinical Professor
Department of Health Management & Policy



Gina Lovasi, PhD, MPH

Co-Director, Urban Health Collaborative
Associate Professor of Urban Health
Department of Epidemiology & Biostatistics



Pandemics for Babies

Neil Goldstein, PhD 

Assistant Research Professor

Department of Epidemiology & Biostatistics



DREXEL UNIVERSITY ONLINE



I know How This Ends

Amy Impellizzeri, JD

Instructor, MFA Low Residency Program



ENROLLMENT MANAGEMENT & STUDENT SUCCESS



***Woah There, Tiger: Advice and
Activities for the Anxious***

Michael Georgeson, BFA
Graphic Designer



KLINE SCHOOL OF LAW



***Obstacle Course: The Everyday
Struggle to Get an Abortion in
America***

David Cohen, JD
Professor of Law



***Lessons from Successful African
American Lawyers***

Yolanda Ingram, JD
Assistant Teaching Professor



***Adventures of a Jazz Age: Nathan
Burkan & the Making of American
Popular Culture***

Gary Rosen, JD 
Adjunct Professor of Law



***Hamilton & the Law: Reading
Today's Most Contentious Legal
Issues through the Hit Musical***

Lisa A. Tucker, JD
Associate Professor of Law



LEBOW COLLEGE OF BUSINESS



Sales Force Management

Rolph Anderson, PhD 

Professor

Department of Marketing



Python for Marketing Research & Analytics

Elea McDonnell Feit, PhD
Associate Professor
Department of Marketing



The Athletic Giving Handbook

Daniel Freeman, EdD 

Associate Director of Development
Institutional Advancement



Emerging Market Finance: New Challenges & Opportunities

Bang Jeon, PhD 
Professor
School of Economics



Internet of Things: Cases & Studies

Benjamin Lev, PhD 

Trustee Professor

Department of Data Science & MIS



***OFFICE OF COUNSELING
& HEALTH SERVICES***



Retrograde

Anjé McLish, MA
Staff Therapist



OFFICE OF INSTITUTIONAL ADVANCEMENT



***What to Say Next: Successful
Communication in Work, Life & Love—with
Autism Spectrum Disorder***

Sarah Nannery, MA

Director, Development for Autism Programming



OFFICE OF THE GENERAL COUNSEL



***Legal & Ethical Issues in Nursing Education:
An Essential Guide***

John Gyllenhammer, JD

Deputy General Counsel

Chief Counsel for Health Sciences



SCHOOL OF EDUCATION



***Scientific Influences on Early
Childhood Education: From Diverse
Perspectives to Common Practices***

Dominic Gullo, PhD
Professor



***Gender & Practice: Knowledge,
Policy, Organizations***

Kristy Kelly, PhD
Associate Clinical Professor



Rural Education in China's Social Transition

Peggy Kong, EdD
Visiting Scholar



***70 Years of Research into Creativity:
JP Guildford's Role & Today's Focus***

Fredricka Reisman, PhD

Co-Director, Drexel Torrance Center for Creativity &
Innovation

Professor Emerita

Using Creativity to Address Dyslexia, Dysgraphia, & Dyscalculia: Assessments & Techniques



Fredricka Reisman, PhD

Co-Director, Drexel Torrance Center for Creativity & Innovation
Professor Emerita



Lori Severino, EdD

Assistant Professor



***WESTPHAL COLLEGE OF
MEDIA ARTS & DESIGN***



Reveal

Andrea Modica, MFA, BFA 

Professor

Department of Design



Health, Mind, Body & Soul

Daphney Wright

Administrative Coordinator
Department of Digital Media

***Congratulations to all
2020 authors & editors!***