

CURRICULUM VITAE

D. S. NICHOLAS, NCIDQ, AIA, LEED GA, EDRA, NCARB, ASID

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EDUCATION DEGREES

- 1994 Bachelor of Architecture with Design Honors Carnegie Mellon University, Pittsburgh PA
- 2000 Master of Fine Arts: Studio Arts Program University of the Arts, Philadelphia PA
- 2017 Current Ph.D. Student: Projected Completion Fall 2023
Antioch University: School of Leadership and Change, Yellow Spring OH
Topic: Design-Led Strategy, Health Environments, and Socially Responsive Design: HYBRID

EXECUTIVE TRAINING

- 2016 Healthcare Planning and Facilities Design Certificate, Cornell University, Ithaca NY, ONLINE

AREA OF EXPERTISE

Design thinking, assessment, and strategy in urban environments, services, and spaces focusing on health for urban families. This includes working with care providers to develop health-oriented solutions within shelters, urban hospitals, creative spaces, and substandard housing. Services and products developed around urban health and housing insecurity issues in the US.

Partners include Penn Medicine, The Autism Institute, The Writers Room, Domestic Violence Centers of Chester County, The Alliance of Non-Profit Care Providers, Presbyterian Homes, Fabric Health, IMPACT Services, FAIMER, DUO, Agewell Collaboratory, and People's Emergency Center. Drexel Schools and Colleges: College of Arts And Sciences, Dornsife School Of Public Health, School of Education, School of Engineering, College of Nursing and Health Professions, Graduate College

KEYWORDS

Health, Interdisciplinary, Aging in Place, Housing, Salutogenesis, Biophilia, Sensory and Stress, Collaboration, Mentorship, Urban Housing, Design-led Strategy, Creative Thinking

ACADEMIC APPOINTMENTS

- 2021-Present** **Department of Architecture, Design, & Urbanism Associate Professor, Tenured**
- 2017-Present** **Interdisciplinary Team Oriented Creativity (ITOC) Graduate Minor**
- I am part of a team of lead faculty (of five) on the development and deployment of NSF Funded Interdisciplinary research minor focused on preparing students to advance and distinguish their research projects or thesis. Faculty disciplines include STEM Education, and Social Science, coursework developed around design thinking, team creativity, and creative thinking practices. The program is offered both Online and Face to Face
- 2016-Present** **Founding Director, Master of Science Design Research 2016-Present**
Founding Director DLCS4 Health Research
- Founding director of this Interdisciplinary Master's program; training students from across design disciplines in a specific design research process that I have developed based on best practices across design fields, including Architecture, Interior Design, Fashion Design, Graphic Design, and Product Design. Program launched in 2016 with over 30 successful alumni in multiple sectors, including, health, built environment, facilities management, Higher Ed., and finance. As program director, I oversee graduate assistants, adjunct instructors, and standing faculty, as well as the budget, and establishment of program accreditation. The program is offered in multiple modalities.
- 2012-Present** **Coordinator, Sustainability in the Built Environment (SBE) Undergraduate Minor**
- Coordinate and oversee long-running minor with over 90 alumni over eight years. Minor draws from Architecture, interior design, and across the university to engage and educate students for careers with knowledge of important sustainable research. As minor coordinator, I oversee student progress, adjunct instructors, and curricular adjustments, including integrating classes into various curricula, including Architecture and Interior Design. The program is offered both Online and Face to Face
- 2013-Present** **Founding Director, URBN STEAMlab/Garden Fresh Home with Dr. Shivanthi Anandan**
- Founder and Director of research lab Co-PI, PI, and Key Personnel on over 900k of both foundation-funded and federally funded projects. Founded in 2013 and employed over 25 graduate and undergraduate students from grant funding, including Architecture, Interior Design, Design Research, Engineering, and Sciences.
- 2015-2020** **Department of Architecture, Design, & Urbanism Assistant Professor, Tenure Track**

2010-2015	Assistant Teaching Professor: Department of Architecture, Design, & Urbanism
2015-2017	Associate Director, Master of Science Interior Architecture + Design
2012-2014	Director, Interdisciplinary Smart Initiatives (INSI) Minor
2013-2016	Founder, Studio for Immersive Design and Engagement (SIDE) with Debra Ruben
1999-2002	Adjunct Instructor, Architecture Program
2003-2007	Temple University, Tyler School of Art: Architecture Department Dean's Appointment; Architecture Assistant Professor: Full-time Non-Tenure track Taught and developed foundations curriculum in the Architecture Department
2000-2003	Philadelphia University: Architecture and Interior Design Adjunct Instructor Taught and developed curricula in both the Architecture and Interior Design Programs

RESEARCH

<https://www.inegralhealthyliving.com/>
<http://orcid.org/0000-0001-9194-0556>

RESEARCH: INNOVATION & INTELLECTUAL PROPERTY

- 2021 Garden Fresh Home/URBN Steamlab simple in-home hydroponic unit in support of Urban Family healthy eating and access to vegetables. This unit requires no electricity and is completely compostable.
<https://patents.google.com/patent/WO2020028463A1/en?q=pct%2fUS2019%2f044281>
- Patent 2: Application underway, pending period completed. Garden Fresh Home: Hydroponic Growing System This application claims the benefit of U.S. Provisional Patent Application serial No. 63/085,174, filed on September 30, 2020, which is incorporated herein by reference in its entirety.
- 2019 Patent Pending Garden Fresh Home with Professor Shivanthi Anandan; this a trans-disciplinary project exploring urban sustainability through science and informed design. Patent pending as of Summer 2019 for In-home Hydroponic Unit.
<https://patents.google.com/patent/WO2020028463A1/en?q=pct%2fUS2019%2f044281>
- 2019 National Science Foundation I-CORPS Local Participants: Team Project lead for a two-week project and translational development of Project selected based on development.

FUNDING

2022 PENDING:

\$275,000 Federal Grant, Role: Primary Investigator; National Science Foundation Small Business Technology Transfer (NSF STTR) Phase I submitted July 15 PI Co-PI Dr. Anandan. In support of URBN Steamlab Garden Fresh Home in-home simple hydroponic unit listed above as patent pending.

AWARDED 2022:

\$100,000 Foundation Grant, Role: Co-Investigator; William Penn Foundation Faculty: Jenna Hirsch PI; Yvonne Michael Co-I, D.S. Nicholas Debra Ruben Co-I, Nancy Epstein Co-I This team is studying the implementation of play-spaces in terms of several established measure of spatial success and is making recommendations for future funding of spaces.

\$10,000 Agewell Pilot Grant College Of Nursing And Health Professions: D.S. Nicholas Pi; Rachel Wenrick Co-Pi; Aging In Place Study Of Creative Spaces At Ross Commons

\$10,000 Pennsylvania Council on The Arts Programming Rachel Wenrick PI; D.S. Nicholas Co-PI

\$7,500 Internal Funding; Role: Pi with Faculty from across the university Rankin Scholars in Residence: Liz Sanders author of "The Convivial Toolbox" will give a community-based participatory workshop to students across the University on her generative research process called Maketools

AWARDED 2021:

\$7,300.00 Honors College: Spring/Summer Part Time Coop Student Awarded: Received Coop Student to assist with Research (In-Kind Funding)

\$4,500.00 Honors College: Spring/Summer Additional compensation as part of the Honors College Symposium on Disaster

\$3,000 Writers Room Fellowship awarded through \$200,000.00 External Fund Grant to Writer's Room, Barra Foundation for Second Story Collective: Creative Intergenerational Co-housing: Aging in Place Mantua and Powelton.

AWARDED 2020

\$162,000 Federal Funding; Role: Key Personnel
External Foundation Funding; Role: Key Personnel Additional third year of funding Allen-Handy, A., Wenrick, R., Kashock, K., Nicholas, D. (2018). Anti-displacement: The untapped potential of university-community cooperative living. Corporation of National and Community Service. Previous Funded Amount: \$284,983

AWARDED 2019

\$100,000 Internal Funding; Role: Co-Principal Investigator with 50/50 effort split Drexel Ventures Fund with Shivanthi Anandan Garden Fresh Home: Venture Funding for Market Development Garden Fresh Home In-home Hydroponic Unit.

\$499,174 Federal Funding; Role: Co-Primary Investigator (Co-PI)
National Science Foundation; "IGE: Creative Interdisciplinary Research in Graduate Education (CIRGE)" PI- Fraser Fleming, Department Head Chemistry; Co-PI **D.S. Nicholas**, AIA; Co-PI Paul Gondek, Ph.D.; Co-PI Jen Katz-Buonincontro, Ph.D.; Co-PI Dan King, Ph.D. NSF 17-585 Innovations in Graduate Education Program.

\$4,473.00 Research Award: Drexel Faculty Creativity Award; Awarded to D.S. Nicholas for Garden Fresh Homes Bio-substrates funding award for Exhibit Installation in September 2019 and February 2020

AWARDED 2018

\$284,983 Federal Funding; Role: Key Personnel
Allen-Handy, A., Wenrick, R., Kashock, K., **Nicholas, D.** (2018). Anti-displacement: The untapped potential of university-community cooperative living. Corporation of National and Community Service. This community-led participatory research study brings together an intergenerational and interdisciplinary research team to gather information on affordable housing in the Promise Zone.

AWARDED 2017

\$106,000.00 Foundation Funding; Role: Co-Principal Investigator with 50/50 effort split
Scattergood Foundation with Yvonne Michael
Health, and Design Research for Innovation Grantor

AWARDED 2018

\$5,000 Internal Funding; Role: Co-Principal Investigator ExCITE Seed Funding Research students funded Project: Map the Gap Reducing the Burden of Local Housing Insecurity via Evidence-Informed Digital Design: Map the Gap is a digital tool that connects tenants, landlords, community-based organizations, government agencies, and other resources in Philadelphia. Research Awarded Spring 2018

\$1,000 Internal Funding; Role: Co-Principal Investigator Lindy Center Seed Funding Research student-funded Project D.S. Nicholas, Westphal College of Media Arts & Design: Research; Yvonne Michael, Dornsife School of Public Health: Epidemiology; Samantha Stein, University of Pennsylvania; Thanh My Nguyen, Alumna Westphal College of Media Arts and Design: Research Awarded Spring 2018

\$1,000.00 Research Award Health in Buildings Round table (HIBR) Scholar Funding; Funds awarded to travel to the NIH for symposium event and presentation of research
Awarded summer 2017

AWARDED 2017

\$4,000 External Foundation Funding; Role: Co-Principal Investigator with 50/50 effort split
Scattergood Foundation, Supplemental Funding; Co-Principal Investigator with Yvonne Michael; Health and Design Research for Innovation Funder

AWARDED 2016

\$7,500 External Funding; Role: Co-Principal Investigator with 50/50 effort split: Scattergood Foundation, Initial Funding; Co-Principal Investigator; Health and Design Research for Innovation Granter: Scattergood Foundation. Course development grant for Design and Health cross-listed Design Challenge Class; to develop with Yvonne

Michael, Dornsife; School of Public Health Professor

\$1,000.00 Research Award Undergraduate Outstanding Mentor Research Grant; For the mentorship and support of undergraduate research Pennoni Honors college

\$5,000.00 Research Award ExCITE Center Learning Innovations Committee Stipend; In support of research activities related to Learning Innovation

AWARDED 2015

\$15,000.00 Internal Funding; Role: Principal Investigator Start Up Award, Tenure Track Conversion Internal Funding; Role: Principal Investigator

\$4,742.87 Internal Funding; Role: Co-PI with 50/50 effort split; ExCITE Seed Fund Co-Principal Investigator; Biophilic Interior Living: Prototypes for Production; Funder: ExCITE Center Seed Fund Grant. With Dr. Shivanthi Anandan; Graduate Student MSIAD Rita Truongao; Undergraduate Engineering Student Will Char

\$7,500 Internal funding; role Co-Pi with Rachel Schade and Mark Willy Rankin Scholars in Residence: Mike Rohde, conducted an all day workshop. He is the author of two books on sketch noting, a method for using sketching and drawing to capture and communicate creative ideas and design solutions.

\$7,000 External Foundation Funding Role: Project Advisor; Creative Placemaking "Place as Oracle" Funder: LISC 34th and Brandywine Project with Rebecca Rose, Dr. Eugenia Ellis, and Mantua community members.

AWARDED 2013

\$1,200 Research Award Westphal College of Media Arts and Design Faculty Research Grant; received grant for the establishment of Research studio: Studio for Immersive Design and Engagement with Debra Ruben; Umbrella for participatory urban research projects

AWARDED 2012/2011

\$7,500 Internal Funding; Role: Co-Principal Investigator College of Biomedical Engineering jump-start grant; development grant to investigate 3-D Visualization and the Indoor Ecological Micro- Biome. Dr. Uri Hershberg (PI), Dr. Gail Rosen, Dr. Theodore Muth, **D.S. Nicholas**, Nicole Koltick

\$7,000 Internal Funding; Role: Co-Principal Investigator with Nicole Koltick Rankin Scholars Program; received a grant to bring digital fabrication experts Modelab to campus for a series of events in October 2012

\$20,000 Internal Funding; Role: Principal Investigator Community Engagement Grant Drexel Office of the President; Received grant for community design-build project at the Mantua Presbyterian Apartments

\$16,500 Internal Funding; Role: Principal Investigator; Good Idea Fund Award Received award to bring noted speaker to campus for a multi-day event.

FELLOWSHIPS & AWARDS

- 2022 Drexel Emerging Graduates Conference:
Dean's Award For Best In-Person Research Poster Presentation Alisha Prabhakar MS Program in Design Research, Westphal College of Media Arts and Design: What's Your Version of Safe Space?
- 2020 Mentee Award: Drexel Graduate College Research Award Winner Graduate College Award Winner - Most Original & Creative WorkThelmelis Abreu, Master's Program in Design Research Westphal College of Media Arts and Design Awarded for her Design Research Thesis work and her work with Shivanthi Anandan and D.S. Nicholas on Garden Fresh Home
- 2019 Drexel Faculty Creativity Award Garden Fresh Homes Bio-substrates funding award for Exhibit Installation
- 2018 NIH Health in Building Round table (HIBR) Fellows First Cohort Member: HIBR Scholars Funding Award: Travel Award and Presentation at Annual symposium July 2018
- 2018 Mentee Award: Drexel Graduate College Research Award Winner Most Original & Creative: Advisee Nicole Feller-Johnson, Dual MS Programs in Fashion & Design Research, Westphal College of Media Arts and Design Awarded for her Dual Design Research and Fashion Thesis Masters; D.S. Nicholas, Design Research Thesis Advisor
- 2018 Mentee Award: Student Conference on Global Challenges Map The Gap Research Project Outstanding Presentation Award Thanh My Nguyen and Samantha Stein: 11th Annual Conference
- 2018 Mentee Award: Drexel Common Good Award Advisee Thanh My Nguyen: University Finalist for her work with The Scattergood project Map the Gap with Dr. Yvonne Michael and D.S. Nicholas and Design Research Thesis
- 2016 Drexel Honors College D.S. Nicholas, Undergraduate Research Mentor of the Year: Research Award
- 2015 Mentee Award: Best in Show Student Work Venturewell Open: Dawn McDougall: URBN Diary
- 2015 Mentee Award: Founders.Org Finalist Circle TERN: Mohammed Zerban
- 2014 Mentee Award: Undergraduate Custom Design Major Advisor: Co-Advisee Chelsey Knittel: Awarded 2014 NSF Fellowship with Professor Genevieve Dion: to work in Professor Dion's Lab
- 2009 AIA PA Citation of Merit: "Shared Prosperity and Beyond": Architecture studio D.S. Nicholas and Sally Harrison at Temple, in collaboration with The Village of Arts and Humanities, and Penn Praxis/Harris Steinberg.

RESEARCH: SCHOLARLY PRODUCTS

BOOK CHAPTERS

1.

Oct. 2020 **Nicholas, D.**, Anandan, S. (2023). URBN STEAMlab and biophilic environments: Science, art and design. In L. Atzmon (Ed.) Design and science: Catalyzing collaborations. University of Michigan / Routledge. Invited book chapter on collaborative research practices.

2.

March 2020 **Nicholas, D.** (2023) Novel territories: Gender and the urban residential interior. In G, Marinic (Ed.), The interior urbanism reader. University of Kansas, Taylor and Francis.

EDITED VOLUME

Accepted for Publication in 2023:

Design in Chaos the New Beginning: Fashion, Style, Design, Brands & Consumer Culture Edited By Diana S. Nicholas, Clare M. Sauro and Joseph H. Hancock, II Intellect Books: In the past few years, we have seen a revision of historicism with events that include racial and social reckoning, the removal of perceived racially oppressive brands, and a general individualization of experience.

SELECTED PEER REVIEWED JOURNAL ARTICLES

1.

- 2022 Perignat, E., Fleming, F. F., **Nicholas, D.**, King, D., Katz-Buonincontro, J., & Gondek, P. (2022). Effective Practices for High Performing Interdisciplinary Faculty Teams. College Teaching. <https://www.tandfonline.com/doi/abs/10.1080/87567555.2022.2086525>

2.
2020 **Nicholas, D.**, Michael, Y., & Anandan, S. (2020). Covid-19 Home Sign-Posts. Enquiry The ARCC Journal for Architectural Research, 17(2), 41–62. <https://doi.org/10.17831/enq:arcc.v16i2.1073>
International Outlet
3.
2019 **Nicholas, D.**, (2018). Material Home: Novel interventions in the urban abode. Adaptive Intervention | International Journal of Interior Architecture + Spatial Design, 118-121. <http://www.ijjournal.org/volumes/>
International Outlet
4.
2019 Stein, S., **Nicholas, D.**, Michael, Y., Nguyen, T., and Giordano, K. (2019). Integrating practical and epistemic actors: Co-constructing a knowledge organization system to address housing insecurity in West Philadelphia. Journal of advances in classification research online, 29(1), 30–34. <https://doi.org/10.7152/acro.v29i1.15465>
International Outlet
5.
2018 Michael, Y., **Nicholas, D.** (2018). Designing with dignity: Health and design research for underserved communities. The Plan Journal: Designing for impact, Spring 2018, 303-317. doi 10.15274/tpj.2016.01.02.06 <http://www.theplanjournal.com/article/designing-dignity-health-and-design-research-under-served-communities> International Outlet
6.
2017 **Nicholas, D.**, Townsend, K., & Michael, Y. (2017). Designing with dignity: Social determinants of health and design research. The Design Journal, 20(sup1), S2238–S2246. <https://doi.org/10.1080/14606925.2017.1352740>
International Outlet
7.
2015 Knittel, C., **Nicholas, D.**, Street, R., Schauer, C., Dion, G., (2015). Self-folding textiles through manipulation of knit stitch architecture. Fibers 3, no. 4, 575–87. doi:10.3390/fib3040575 <https://pdfs.semanticscholar.org/d88a/b481bce239dc7c1f8ce31c4e15fdb955f925.pdf>
International Outlet

SELECTED PUBLISHED CONFERENCE PAPER PROCEEDINGS

Peer Reviewed (Refereed) Conference Papers with associated event presentations indicated here

1.
2021 **Nicholas, D.** Slow Engagement & Widening the Frame – Emerging Models of Social Innovation and Design Culture (2021). Roma 2021: Cumulus Design Cultures. <https://cumulusroma2020.org/>
Digital Presentation by **D.S. Nicholas** International Event/Outlet
2.
2020 **Nicholas, D.**, Michael, Y., Anandan, S. (2020). Integral Living Research: Synergies in research, advocacy, and healthy living. Design Research Society (DRS): Synergies Brisbane <https://doi.org/10.21606/drs.2020.274>
Digital Presentation by **D.S. Nicholas** International Event/Outlet
3.
2020 **Nicholas, D.**, Anandan, S. (2020). Garden fresh home: Sustainable food production for urban families. Sustainable Development of Energy Water and Environment

Systems (SDEWES): First Asia Pacific conference proceedings, 009201-009209.
<https://www.goldcoast2020.sdewes.org/> (DOI and Journal forthcoming)
Top 10 most viewed conference digital presentation, the conference moved online due to COVID 19 Travel Ban presented by **D.S. Nicholas** International Event/Outlet

4.
2019 **Nicholas, D.**, Stein, S., Giordano, K., Nguyen, T., and Michael, Y. (2019). Map the gap: Iteratively bridging theory and practice to address housing insecurity in the urban environment. Architecture Research Centers Consortium(ARCC): Praxis 2019, conference proceedings, 276-287. <https://www.arcc-journal.org/index.php/repository/issue/view/27>
In-person presentation, Toronto by **D.S. Nicholas** International Event/Outlet
5.
2018 **Nicholas, D.**, Stein, S., Nguyen, T., Krespan, E., Tracy, D., and Michael, Y. (2018). Health Design Research innovation project. Happiness Architectural Research for a Global Community | Temple University, Jefferson University, and Drexel University, conference proceedings, Vol. 1, 256–264. http://www.arcc-arch.org/wp-content/uploads/2018/09/2018-Proceedings-Volume-1_UDL-1.pdf
In-person presentation, Philadelphia by **D.S. Nicholas**, S. Stein, and T. Nguyen
6.
2018 **Nicholas, D.**, Stein, S., Nguyen, T., Krespan, E., Tracy, D. and Michael, Y. (2018). Health design research and housing insecurity: Design, dignity, and community. Social equity by design, Designing through community: Environmental Design Research Association (EDRA) 49, conference proceedings, 148-150. <https://cdn.ymaws.com/www.edra.org/resource/collection/01EE5570-8A84-4B82-92B4-D8066ABF9E15/EDRA49-Proceedings-forWebsite.pdf> In-person presentation, Brooklyn by **D.S. Nicholas**, and S. Stein
7.
2017 **Nicholas, D.**, Anandan, S. (2020). Integrated space: The novel design research experience. Envisioning architecture, space/time/meaning: Proceedings of the 13th European Architectural Envisioning (EAE) conference. <https://eaeonet.wixsite.com/eaea/conferences>
In-person presentation, Glasgow by Dr. S. Anandan International Event/Outlet
8.
2017 **Nicholas, D.**, Townsend, K., Michael, Y. (2017). Design research and social determinants of design and health research. What is design for the next? and what is the 'next' focus of design? European Academy of Design (EAD): Rome 2017, S2238. <https://doi.org/10.1080/14606925.2017.1355614>
<https://www.tandfonline.com/doi/pdf/10.1080/14606925.2017.1355614>
In-person presentation, Rome by **D.S. Nicholas** International Event/Outlet
9.
2017 **Nicholas, D.**, Krespan, E., and Anandan, S. (2017). Mind as a thing, Redoing the iterative in design education. REDO Cumulus Conference Proceedings, 99–106 <https://www.designskolenkolding.dk/en/publications/redo-cumulus-conference-proceedings> In-person presentation, Kolding by **D.S. Nicholas** International Event/Outlet
10.
2017 **Nicholas, D.**, Anandan, S. (2017). The novel design research lab experience: Teaching and trans-disciplinary mentorship for 21st-century. 11th International Technology, Education and Development (INTED) conference proceedings, 9467-9473.
DOI: 10.21125/inted.2017
Remote Presentation by **D.S. Nicholas** International Event/Outlet
- 11
2017 **Nicholas, D.**, McClendon, A., Martin, K., Ruben, D. (2017). Design research and the academy: Research-driven community facing work. Chakrabarti, A., & Chakrabarti,

D. (2017). Research into design for communities: Volume 2, Proceedings of ICoRD 2017. 999-1006. DOI 10.1007/978-981-10-3518-0
<https://link.springer.com/book/10.1007%2F978-981-10-3521-0> Remote Presentation by **D.S. Nicholas** International Event/Outlet

12.

2016 **Nicholas D.**, Anandan, S. (2016). Reconceiving urban space making through design research: Novel approaches in urban sustainable living. 9th annual International Conference of Education, Research and Innovation (ICERI) 2317-2323. DOI 10.21125/iceri.2016
In-person presentation, Sevilla by **D.S. Nicholas** /Dr. S. Anandan International Event/Outlet

13.

2016 **Nicholas, D.**, Truonghao, R., Char, W., Anandan, S., (2016). Urban biophilic environments: A novel lexicon for trans disciplinary practice. Architectural research addressing societal challenges: Volume 1 proceedings of the EAAE ARCC, 10th international conference, 67-73. <https://doi.org/10.1201/9781315116068>
In-person presentation, Lisbon by **D.S. Nicholas** /Dr. S. Anandan International Event/Outlet

14.

2016 **Nicholas, D.**, Anandan, S., (2016). Shifting lexicons: URBN STEAMlab and the practice of urban innovation. Shifting ground, Environmental Design Research Association (EDRA) 47 Raleigh, 84-93.
https://www.edra.org/page/edra_proceedings
In-person presentation, Raleigh by **D.S. Nicholas**/Dr. S. Anandan

15.

2015 Ellis, E., **Nicholas, D.**, Ruben, D., (2015). Greening Mantua: Drexel University partnerships with our community neighbors, 2nd international research workshop on the management of fragile ecosystems: Cienfuegos, Cuba. (Discussion paper.)<https://civitasges.com/Drexel-ecofrag/> More than fifty educators and scientists from six countries gathered for three days to discuss and debate issues of sustainability, sociocultural implications, and collaborative initiatives for the management of fragile ecosystems.
In-person presentation, Cienfuegos by Dr. E. Ellis
International Event/Outlet

16.

2015 **Nicholas, D.**, Connel, J., Plumb, J. (2015). Sensory informed design: Human processes and emerging sensory tools. Future of architectural research: Architecture Research Center Consortium (ARCC), 472-480. http://www.arcc-arch.org/wp-content/uploads/2015/04/ARCC2015_Perkins-Will-Conference-Proceedings.pdf
In-person presentation, Chicago by **D.S. Nicholas**

17.

2012 **Nicholas, D.** (2012). Emergent practices in flux: Design-build, digital fabrication, and the mutable interior environment. The interior: a state of becoming, IDEA conference, Perth. Self-published printed conference proceedings. An article examining the place of digital fabrication in interiors. Symposium.
In-person presentation, Perth by **D.S. Nicholas**
International Event/Outlet

18.

2011 **Nicholas, D.**, Guy, G. (2011). Material time: Temporal processes in materials reuse and design-build. Considering research: Architecture Research Center Consortium (ARCC), 127. An article documenting design-build/materials reuse course findings.
In-person presentation, Detroit by **D.S. Nicholas**

OTHER PUBLISHED SELECTED ARTICLES

1.
2016 **Nicholas, Diana.** (2016) "Designing for Health" The Patron Saint of Architecture. <http://thepatronsaintofarchitecture.com/blog/>
2.
2015 Koltick Nicole; **Nicholas, Diana;** (2016) "Conceptual Space Making at Drexel University" IDEC Exchange: Emerging Talent
3.
2013 **Nicholas, Diana;** Tickell, Simon; (2013) "More than just a building: The energy information evolution in design education"; Context AIA Journal
4.
2013 **Nicholas, Diana;** (2013) "An Interior Affair: A State of Becoming" IDEC Exchange: Exhibit Review September 7-October 6 at Form Gallery, Perth Australia

SELECTED PEER REVIEWED CONFERENCE PRESENTATIONS

1.
2022 Society For Risk Management:
Fischer, J., Van der Tuyn, M., Nicholas, D. (2022) Applying Design Thinking Principles to Develop Interdisciplinary Risk Management. The Society for Risk Analysis – European Conference 2021, June 13-16 in Espoo, Finland Solutions
International Event/Outlet
2.
2021 Columbia University:
Sterin, K., Meloche, A., Welsh, D. McCullough, C., Allen-Handy, A., Wenrick, R. & Nicholas, D. (2021). Integrating the Arts into Community-led Critical Participatory Action Research. Workshop presented at the 38th Annual Winter Roundtable Conference at Teachers College, Columbia. Virtual Conference.
International Event/Outlet
3.
2019 Poster Presentation: D.S. Nicholas, Samantha Stein, Yvonne Michael, Kristin Giordano: Map the Gap: Design Research for Eviction Prevention as a part of the Urban Health Collaborative 2019 Symposium: Re-imagining Health In Cities: Challenges And New Directions.
4.
2019 Conference Session Presentation: D.S. Nicholas, Samantha Stein, Yvonne Michael, Kristin Giordano: Map the Gap: Design Research for Eviction Prevention as a part of the EDRA50 Sustainable Environments: NYU. Session: Place Making 13 on Saturday, May 25, 2019, Brooklyn.
5.
2019 Conference Session Presentation: Student Presenters
Stein, S., Giordano, K., Nicholas, D., & Michael, Y. (2019). Cultivating Process-Based Educational Spaces: A Case Study of Project-based Collaboration in a Lifelong Philadelphia Learning Community. INTED2019 Proceedings, 7066–7066.
<https://library.iated.org/view/STEIN2019CUL>
International Event/Outlet
6.
2019 Pre-conference Intensive Session Presentation: D.S. Nicholas
Integral Living Research: Tools and Solutions for Sustainable and Healthy Living in Under-served Communities as a part of the Pre-Conference Intensives at the EDRA50 conference. International Event/Outlet
7.
2018 Published Poster and Presentation:
D.S. Nicholas, Shivanthi Anandan, Yvonne Michael; Integral Healthy Living Poster Presentation. In ARCC Conference Proceedings (Vol. 1, pp. 256–264). Philadelphia: Architectural Research Centers Consortium
8.
2018 Invited Scholar Funded Poster Presentation: D.S. Nicholas

- Integral Healthy Living: Stress and Living; Health in Buildings
 Round table: National Institute of Health July Washington D.C. Poster Presentation:
 Funded HIBR Scholar
 International Event/Outlet
9.
 2018 Conference Session Presentation: D.S. Nicholas, William Mangold
 Collaborative Presentation on Design Pedagogy Interior Design Educators Council 2018
 Boston: Design Matters: Conference Presentation with Graduate Interiors Community Studio
 Process
10.
 2018 Presentation Featuring Design Research Thesis: D.S. Nicholas, Erin
 Okoniewski; EDRA 49: Session Presentation, Social Equity by Design. Oklahoma City
 Design Research, Environments for Autism
11.
 2018 Research Project Presentation: Student Researchers Presenting:
 Stein, Samantha; Nguyen, Thanh; Nicholas, D.S. Map the Gap, 11th Annual
 Student Conference on Global Challenges, Drexel. Session Presentation
12.
 2018 Research Project Presentation: Student Researchers Presenting:
 Stein, Samantha; Nguyen, Thanh; Nicholas, D.S.; Michael, Yvonne. Map the Gap 2018 Stanford
 Research Conference; Stanford University. Poster Presentation
13.
 2018 Research Project Presentation: Student Researchers Presenting:
 Stein, Samantha; Nguyen, Thanh; Nicholas, D.S.; Michael, Yvonne. Map the Gap, ST Global
 2018 Washington DC. Session Presentation
 International Event/Outlet
14.
 2018 Research Poster Project Presentation Health Conference: Yvonne Michael, D.S. Nicholas
 ASPPH Scattergood Project; The 12th Inter-professional Education Collaborative (IPEC) Spring
 2017 Institute, entitled Inter-professional Education: Building a Framework for Collaboration,
 May 3-5 Washington, DC. Poster presentation
 International Event/Outlet
15.
 2017 Research Project Presentation:
 D.S. Nicholas, Debra Ruben, Yvonne Michael, Amy Carol Scott. Presentation and Charrette:
 AIA Consortium Convening; Detroit MI: Drexel Center for Health and the Designed
 Environment.
16.
 2017 Research Project Presentation: Student Researcher Presenting: Elise Krespan
 D.S. Nicholas, Shivanthi Anandan "A Trans disciplinary Approach to
 Alleviating Urban Food Deserts" Drexel Emerging Scholars
 Presentation
17.
 2017 Research Project Presentation: Student Researchers Presenting: Elise Krespan, Kiera Townsend,
 D.S. Nicholas, Shivanthi Anandan, "URBN STEAMlab: Urban Biophilic Trans disciplinary
 Design" Venturewell Open Conference, Washington DC
18.
 2017 Research Project Presentation: Student Researcher Presenting: Kiera
 Townsend URBN STEAMlab D.S. Nicholas, Shivanthi Anandan
 "Disintegrating Brick in West Philadelphia: Preservation & Hydroponic Food Growth,"
 was selected for presentation at NCUR 31 at the University of Memphis.
 Poster presentation International Event/Outlet
19.
 2017 Research Project Presentation: Student Researcher Presenting: Kiera
 Townsend URBN STEAMlab D.S. Nicholas, Shivanthi Anandan
 National Collegiate Research Conference; Harvard College Research Association
 Poster presentation International Event/Outlet
- 20.

- 2017 Research Project Presentation: Student Researcher Presenting: Destini King
D.S. Nicholas, Shivanthi Anandan
URBN STEAMlab 2016 Annual Biomedical Research Conference for
Minority Students (ABRCMS) "Tackling Urban Food Deserts with Indoor Hydroponic System"
Poster presentation
21.
2016 Conference Session Presentation: Student Researcher Presenting: Kiera Townsend
D.S. Nicholas, Shivanthi Anandan
URBN STEAMlab; AIAS Design Research Symposium Washington Alexandria Architecture
Center "Information Overload and Rethinking Complexity"
<http://www.aias.org/events/aias-research-symposium/> Poster presentation
22.
2016 Conference Session Presentation: Yvonne Michael, D.S. Nicholas and Deb Ruben
"Engaging with Public Health to Produce Structured Research Outcomes in Design"
IDEC Regional Conference Boston, a trans-disciplinary research team and member of the
American Institute of Architects (AIA) Design and Health Consortium.
23.
2016 Conference Session Presentation: D.S. Nicholas
Scholarship of Teaching and Learning: "Making Surfaces Experimentation as Material Learning"
Session Presentation "Design Matters" IDEC Portland Oregon: Presenting Student materials
experimentation related to Interior Design and Design Research pedagogy approaches drawn
from research experimentation.
- 24
2016 Consortium Group Poster Presentation: Annual Convening
AIA Consortium Convening: Washington DC: Drexel Center for Health and the
Designed Environment. Debra Ruben, Yvonne Michael, Amy Carol Scott,
D.S. Nicholas
25.
2015 Research Poster Presentation: D.S. Nicholas
Processes for Communities: Human Centered Design and Community Projects
Literature Review-EDRA "brainSTORM: Dynamic Interactions of Environment
Behavior and Neuroscience": Los Angeles; May 2015; Diana Nicholas
26.
2015 Research Poster Presentation: D.S. Nicholas, Shivanthi Anandan
Presentation Venturewell Open "Steam to Steam in Urban Sustainable Living: Urban
Biophilic Interior Environments" Washington D.C.; March 2015. Poster Presentation
27.
2015 Session Presentation: D.S. Nicholas, Nicole Koltick
Interior Design Educators Council: "Exploring the Extraordinary: Making and the Graduate
Conceptual Studio" Fort Worth; March 2015.
28.
2015 Research Poster Presentation: D.S. Nicholas, Dr. Shivanthi Anandan
Presentation DCAE Scholarship of Teaching and Learning: "Urban Biophilic Interior
Environments: DSIP and Stem to Steam"
29.
2015 Research Presentation: D.S. Nicholas, Dr. Shivanthi Anandan
EDRA Processes for People: The Practice of Strategic Creativity in Innovation:
"brainSTORM: Dynamic Interactions of Environment-Behavior and
Neuroscience" Los Angeles; May 2015.
30.
2015 Research Poster Presentation: D.S. Nicholas, Dr. Shivanthi Anandan
DCAE Showcase of Teaching and Learning Drexel University: "Stem to Steam in Urban
Sustainable Living" 2014 NCIIA: OPEN March 20-22
31.
2015 Research Poster Presentation: D.S. Nicholas, Shivanthi Anandan, Joan Weiner
NCIIA: San Jose; Poster Presentation: "Smart Initiatives=Smart Programs: Interdisciplinary
Programming and Research"
32.
2015 Research Poster Presentation: D.S. Nicholas, Debra Ruben
EDRA 45: Poster Presentation "Studio for Immersive Design and Engagement: Participatory
Change in The Built Environment" New Orleans, May 29th

33.
2014 Research Poster Presentation: D.S. Nicholas, Shivanthi Anandan, Joan Weiner
EDRA 45: Poster Presentation: “Interdisciplinary Smart Initiatives Minor: Innovative Thinking and Undergraduate Education” New Orleans, May 29th
34.
2014 Session Presentation: D.S. Nicholas, Dr. Yvonne Michael
EDRA 45: Research Presentation: “Consider the Frame: Multidisciplinary Design and Question Making” Public Health New Orleans; May 29th
35.
2014 Poster Presentation: D.S. Nicholas, Dr. Shivanthi Anandan, Dr. Joan Weiner
DCAE Showcase of Teaching and Learning Drexel University: “INSI Minor Scaffolding Research”
36.
2013 Session Presentation: D.S. Nicholas, Dr. Yvonne Michael
EDRA 43: Research Presentation: “Inter-professional Teaching: Design and Health Research” Public Health New Orleans; May 29th

RESEARCH: CREATIVE PRODUCTS

- 2019 *Design and Science*, University Gallery, Eastern Michigan University, September, Ypsilanti MI **associated with the exhibit catalog and book chapter listed below**
- 2020 *Design and Science*, Esther Klein Science Center Gallery, February, Philadelphia PA **associated with the exhibit catalog and book chapter listed below**
Piece Title: “*Garden Fresh Home: Bio-Design Substrates*” **D.S. Nicholas**, Shivanthi Anandan.
This exhibition featured projects that connect design and science.
An international roster of curated artists, scientists, and researchers including Richard Feynman, Edward Tufte, and the estate of Charles Darwin. Exhibit curated by Professor Leslie Atzmon, Eastern Michigan University.
- 2018 *Da Vinci Arts Alliance: Rocky (RE) Runs*, Da Vinci Arts Alliance, Philadelphia PA
Invited participant, piece title: “*Adrian’s Run.*”
A technology-based installation on female domestic space produced with assistance from MS Design Research student Nicholas St. Angelo.
Curated exhibits including Jon Pron, Andrew Hart, and others

EXHIBIT CATALOG

Atzmon, Leslie. *Design and Science Exhibition Catalogue* (2019). Eastern Michigan University Gallery. **D.S. Nicholas** and Shivanthi Anandan Pp. 36-38

CREATIVE BOOK PROJECT

Nicholas, D.; Fox, V. (2019) *HOME 2 | A Lifelong, Dreamed of, Home*. Published by Drexel Writers Room

HOME Book is a limited-edition boxed set of the creative and critical work generated throughout Writers Room’s 2018-2019 HOME: Affordable Housing + Cooperative Living Symposium, a series of public talks with invited lecturers incorporating discussion, group activities, and writing workshops. The series put experts on gentrification—both scholars and local civic leaders—and its related economic and social impacts into conversations with residents and students.

SPEAKING

INVITED KEYNOTE SPEAKING

1.
2022 Invited Keynote Speaker: **D.S. Nicholas** Cincinnati AIA Visions May 2022
Diana Nicholas. (2022, May 30). VISION Keynote: Design-Led Co-Strategy4HEALTH [Keynote speech]. Vision Symposium AIA, Cincinnati Ohio. <https://aiacincinnati.org/programs/events/081122-vision-keynote-radical-practice>

2.
2020 Invited Keynote Speaker: **D.S. Nicholas**
"Connecting Healers and Makers "Tactics for lasting collaboration; Faimer Health Matters FAIMER partners with CraftNOW to present the Global Health Matters Forum -- Each year, the Foundation for Advancement of International Medical Education and Research (FAIMER) hosts a morning of presentations and interactive dialogue on a topic related to health and well- being. This year on March 25, 2020, a cross-section of Philadelphia's maker community joined health professionals and educators from across the globe.
International Event/Outlet

3.
2019 Invited Keynote Speaker: **D.S. Nicholas**
2019 ST Global Conference, Washington DC; National Academies of Sciences, Engineering, and Medicine, Washington DC. **D.S. Nicholas** presented her work, Integral Living Research whose mission is to help remove living stress for urban families in need and create tools that can function as a bridge to improved health in urban conditions. Professor Nicholas also spoke on the Design Research Methods she teaches and deploys in her research work, Integral Living Research, and the MS Design Research Program at Drexel University. The audience participated in a short workshop in understanding the context and relationship between their work and human-centered design. The goal was for audience members to come away with a sense of the research context and possible tools to expand their reach with their research.
International Event/Outlet

INVITED SPEAKING, PANELS, & PODCASTS

1.
2022 Distinguished Speaker for Master Class on 'Design Thinking in Hospitals', during FICCI HEAL, on October 10, 2022, at [FICCI, Federation House, New Delhi](#).

3.
2022 February and April Guest Speaker: Writers Room
Fellow Creative thinking and Research
as part of Allen-Handy, A., Wenrick, R., Kashock, K., Nicholas, D. (2020). Anti-displacement: The untapped potential of university-community cooperative living. Corporation of National and Community Service.

4.
2022 Urban Health Collaborative Brown Bag Guest Speaker: D.S. Nicholas, AIA, NCIDQ, LEED GA, EDRA, MD, UHC Affiliate Faculty topic "Health and Design: A Collaborative Public Health Driven Creative Process"

5.
2021 Invited Lecture Series Speaker George Fox University ArtTalk Series: Nicholas, D. (2021, February 2). Design, Research, and Social Impact Practices [Invited Speaker]. ArtTalk Lecture Series, George Fox University.

6.
2021 Invited Podcast Interview: D.S. Nicholas
Nicholas, D.S.. ARCHITECTING Podcast - Career + Lifestyle Mentoring for Architects looking to move beyond overwhelm and make a difference: DIY Career: How to forge your no matter what career path on Apple Podcasts. (2021). Apple Podcasts. Retrieved February 27, 2021, from <https://podcasts.apple.com/us/podcast/diy-career-how-to-forge-your-no-matter-what-career-path/id1547257763?i=1000505691637>
7.
2021 Invited speaker, July and September 2021: Architects as Healers: Buildings as Medicine; Clubhouse International Social Media Gathering.
International Event/Outlet
8.
2021 Instagram Live with Intellect Books:
One hour Live Interview with James Campbell Managing Editor at Intellect Books on Instagram Live: https://www.instagram.com/tv/CLr59HzF_tr/?igshid=1e125jd4lq1b0
International Event/Outlet
9.
2021 Community Tripod Presentations Given:
January/February
All one all None and Appreciative Inquiry: Two Friday Tripod Creative Participatory Sessions as part of Allen-Handy, A., Wenrick, R., Kashock, K., Nicholas, D. (2020). Anti-displacement: The untapped potential of university-community cooperative living. Corporation of National and Community Service.
10.
2020 Invited Speaker: D.S. Nicholas
Bio-Design Substrates: URBN STEAMlab: Discussion of gallery installation and Lab processes in growing Bio-mix Gallery Opening Design and Science, February 2020: Esther Klein Gallery, University City
11.
2019 Invited Panelist: D.S. Nicholas
Processes in Design and Science: Gallery Opening Design and Science, September 2019: University Gallery; Eastern Michigan University
12.
2019 Invited Panelist: D.S. Nicholas
Stantec Research Panel: The Future of Cities: Design Philadelphia With Kimberlee Douglas, RLA, ASLA, LEED GA; Edgar Stauch, RA; Jason Schreiber, AICP; Rachel Thurston, RA
13.
2019 Invited Round Table Panel Participant: D.S. Nicholas
Eastern Michigan University: Exhibit Opening Design and Science. The exhibition, entitled "Design and Science," will examine projects that merge design and science through bio-design. It presented "pictures" of data about natural systems and other projects that connect design and science through 2-D and 3-D thinking models. Along with the exhibition, EMU will host a round-table discussion with exhibition participants Audrey Speyer, D.S. Nicholas, and Jason Ferguson, to be led by University of Michigan Stamps School of Art and Design professor Deepa Butoliya and EMU biology professor Brian Connolly.
International Event/Outlet
14.
2019 Invited Panelist: D.S. Nicholas
Healthy Philly by TERN was started with the goal of spreading health-oriented ideas and initiatives in Philly. "Understanding Our Surroundings: Unlocking the Potential to Recognize Problems as Opportunities to Build Solutions", Thursday, May 9th; 5:30 pm-8:00 pm
15.
2019 Invited Speaker: D.S. Nicholas
Dialogue: On Community, Power, and Privilege - Programs – Slought. (2019). Retrieved April 18, 2019, from http://slought.org/resources/dialoguing_on_community_power_and_privilege A day of facilitated workshops and collective reflection on socially just relations in Philadelphia, on Friday, April 19, 2019, from 10:30 am-2:30 pm. D.S. Nicholas presented her work, Integral Living Research, which is predicated on ongoing collaborations

16.
2019 Invited Speaker: D.S. Nicholas
Internal Research Presentation, Westphal College and University Wide Research Presentation:
Selected as part of group to present Research Agenda to College and University Audience: two
occasions – February and March 2019
17.
2019 Invited Speaker: D.S. Nicholas
Research/Rewind Design Research Association “Design Research Methods and Social Science
Research, a primer” April 2019, Caggemini Design
18.
2019 Invited Speaker: D.S. Nicholas
Home Symposium Series with the Drexel Writers Room; 60 + attendees “Healthy Homes
Forum” arranged Flash talks by Home Experts, funded by TD Bank Foundation: Flash Talks
by: Dr. Gina Lovasi, Dr. Yvonne Michael, and Architect Uk Jung,
18.
2018 Invited Panel Participant: D.S. Nicholas
November 2018 Human-Centered Design panel for SMPS Philadelphia (Society for Marketing
Professionals -- Unable to attend due to other travel)
19.
2017 Invited Panel Participant: Diana Nicholas
Interior Design Educator Council: Doing Good! Faith, Ethics, Morality, and Social
Responsibility in Interior Design Education: Panel curated by William Reihm
19.
2017 Invited Speaker: D.S. Nicholas
Office of University & Community Partnerships brown bag lunch, Center for Health in the
Designed Environment with Debra Ruben and Yvonne Michael
20.
2016 Invited Speaker: D.S. Nicholas
+17 Winter 2017 Close School Ideation Seminar: Design Thinking for Innovation --
Ozlem Ogutveren-Gonul Course
21.
2016 Invited Panelist: D.S. Nicholas
Fall 2016 Fit City PHL 2: What’s Working: Discussion among community organizations and
academic institutes on recent / current projects Moderator – Harris M. Steinberg, FAIA Drexel
University; Donna Griffin, Community Capacity Builders; Aliana Havrilla, Community Coach;
Melissa Kim, Philadelphia Local Initiatives Support Corporation (LISC); D.S. Nicholas, RA,
AIA, NCARB, Director MS Design Research
22.
2017 Invited Visiting Guest Juror: D.S. Nicholas
University of Tennessee Knoxville 2017 Final Reviews Interior Design – two-day guest juror
with a stipend to review all studios
23.
2015 Invited Panelist: D.S. Nicholas
“The Future of Architectural Education” AIA Professional Conference- September 2015,
Carnegie Mellon University with Rena Cumby
24.
2015 Invited Panelist: D.S. Nicholas
Mural Arts Open Source Panel October 8, Ben Volta; MOMO; Youngmoo Kim; D.S. Nicholas
The value of arts and design integration with math and science learning: Benjamin Volta, noted
muralist and 2015 Pew Fellow; D. S. Nicholas, Drexel professor and founder of The Integral
Living Research Lab; and Youngmoo Kim, director of Drexel’s ExCITE Center and recent
visiting technologist with Opera Philadelphia.
25.
2015 Invited Speaker: D.S. Nicholas Code for Philly Hack-a-thon Strategic Creativity Workshop
October 16, 2015
26.
2015 Invited Speaker: D.S. Nicholas AIAS Regional Conference “Urban Food Deserts and Urban
Food Production”
27.
2012 Invited Speaker: D.S. Nicholas National Conference Weathering the Storm: Building Resilience
in the Face of Adversity Monday, September 24 - Wednesday, September 26, 2012; Penn State

28.

2012, 2011 Invited Speaker: D.S. Nicholas Enterprise Center Annual Visual Merchandising Event, advising local entrepreneurs about storefront and retail improvements.

PRESS COVERAGE

- 2022 Drexel University presents 14 architecture and design projects. (2022, July 26). Dezeen. <https://www.dezeen.com/2022/07/26/drexel-university-architecture-design-schoolshows/>
- 2020 Zamoid, N. (2020). New Year's resolutions for your home. The Examiner of East Jackson County, GateHouse Media Homes, REAL ESTATE. <https://www.examiner.net/zz/homes/20191230/new-years-resolutions-for-your-home>
- 2019 Family Farming - Excel: Drexel University's Research Magazine. (2019.). Retrieved October 22, 2019, from <https://exelmagazine.org/article/family-farming/>
- 2019 An ethics of no edges—Programs – Slought. (2019). Retrieved April 18, 2019, from http://slought.org/resources/an_ethics_of_no_edges/
- 2019 "Design & Science" International Exhibition | AIGA Detroit. (2019). Retrieved September 11, 2019, from <https://detroit.aiga.org/event-internal/design-science-international-exhibition/>
- 2019 "Design and Science" art exhibition to debut at Eastern Michigan University on Sept. 11. (2019). Retrieved September 11, 2019, from <https://today.emich.edu/story/story/11099>
- 2018 Amorosi, A. D. (2018). DaVinci Art Alliance presents 'Rocky (Re)Runs.' Retrieved April 25, 2018, from <http://www.broadstreetreview.com/art/davinci-art-alliance-presents-rocky-reruns>
- 2018 A Creative Approach to Teaching Creativity, Interdisciplinary Teamwork for Graduate Students. Retrieved August 10, 2018, from <http://drexel.edu/now/archive/2018/August/A-Creative-Approach-To-Teaching-Creativity/>
- 2018 Emerging Scholar Elise Krespan. (2018). Retrieved September 26, 2018, from <https://drexel.edu/coas/news-events/news/2017/May/emerging-scholar-talk-student-elise-krespan/>
- 2018 Spring 2018 by Philadelphia RowHome Magazine - issuu. (n.d.-b). Retrieved April 19, 2018, from https://issuu.com/philadelphiarowhomemagazine/docs/prh_spring2018; Rowhomemag. (n.d.). Retrieved April 19, 2018, from <https://www.gohomephilly.com>
- 2018 Sylvester Stallone embraces his "Rocky" roots while filming "Creed 2" in Philly. (n.d.). Retrieved May 11, 2018, from <https://www.yahoo.com/entertainment/sylvester-stallone-embraces-rocky-roots-filming-creed-2-philly-002044181.html>
- 2018 Vadala, N. (2018, April 16). "Rocky" as art: Philly gallery explores Italian Stallion in a new show. Retrieved April 19, 2018, from <http://www.philly.com/philly/entertainment/movies/rocky-creed-2-da-vinci-art-alliance-gallery-show-20180416.html>

- 2017 “Center / Architecture + Design.” Accessed October 21, 2017. <https://www.philadelphiacfa.org/drexels-design-research-symposium-explores-process>
- 2017 “Emerging Graduate Scholars Show Research at First-Ever Conference.” DrexelNow. Accessed May 2, 2017. <http://drexel.edu/now/archive/2017/May/Emerging-Graduate-Scholars-Conference/>
- 2017 “Thomas Scattergood Behavioral Health Foundation Funds Drexel Design and Public Health Students to Collaborate on Solutions for Local Behavioral Health and Housing Insecurity Issues.” Dornsife School of Public Health. Accessed April 27, 2017.
- 2017 Leshner, Sharon. “What Is Design Research? An Interview with **D.S. Nicholas**, RA, AIA, NCARB of Drexel University | Center / Architecture + Design.” <http://philadelphiacfa.org/drexel-design-research-symposium>.
- 2016 Storz, Emily. “New Approaches to the Future of Design.” Drexel News Blog, October 3, 2016. <https://newsblog.drexel.edu/2016/10/03/new-approaches-to-the-future-of-design/>
- 2016 Nicholas, Diana. Spring 2016 “Designing for Health” The Patron Saint of Architecture. <http://thepatronsaintofarchitecture.com/blog/>
- 2016 “Architects, AIA Foundation and Association of Collegiate Schools of Architecture Name Members of First Design and Health Research Consortium - The American Institute of Architects.” <http://www.aia.org/press/releases/AIAB105043>
- 2015 “Architects Foundation Issues 2015 Annual Report on Design and Health Research Consortium - The American Institute of Architects.” <http://www.aia.org/press/releases/AIAB107729>

CONFERENCE FOUNDER, CHAIR, AND PLANNER

2016-PRESENT “DESIGN RESEARCH SYMPOSIUM”

Arrange, coordinate, and deploy full-day symposium featuring regionally and nationally known speakers and events.

Symposium Years and Themes:

2016 Design Research: The Emerging
Discipline 2017 Intersections in Process

2018 Design and Change

2019 Design for Living

2020 Research Showcase

2021/22 Second Story Collective: Fall Virtual Event October 15th, Spring In-person
Event April 15th, 2022 Design and The Urban Environment

Featured Speakers, Collaborators, and Industry Representatives include Knoll Furniture, Penn Center for Health Care Innovation, IBM, Center for Functional Fabrics, Healthy Rowhouse Project, Kieran Timberlake, Amherst University, Perkins Will, Dornsife Center, Scattergood Foundation, The Alliance of Community Service Providers among others.

This is an urban and global health-related event, with an average of 100 attendees regionally and nationally

- 2020 Conference Planning
Health in Buildings Round table 2020 Conference, Washington DC
Conference Planning: Town Hall and Interactive Sessions Co-Chair
Urban and global health-related
activities Large national/internationally
attended event
- 2020 Conference Planning
Creativity Conference with CIRGE Group: Conference Co-chair in collaboration
with APA Division 10 and Jennifer Katz-Buonincontro and Elaine Perignat
Urban and global health-related activity
Large national/internationally attended
event
- 2019 Invited Moderator
Urban Health Collaborative 2019 Symposium: Re-imagining Health In Cities:
Challenges And New Directions. Session Info: Urban Design and Action
Strategies To Improve Health Moderator: **D.S. Nicholas**, Anita Chandra, DrPH,
MPH, Vice President and Director, RAND Social Economic Well-Being, RAND
Corporation Joanna Frank, President and CEO, Center for Active Design
Mark Stevenson, PhD, Professor of Urban Transport and Public Health,
University of Melbourne Adam Freed, MUP, Principal, Bloomberg
Associates; Discussant: Ira Goldstein PhD, President, Policy Solutions,
Reinvestment Fund
- 2019 Conference Planning Committee
Urban Health Collaborative 2019 Symposium: Reimagining Health In Cities:
Challenges And New Directions.
Urban and global health-related activity
Large national/internationally attended
event
- 2018 Invited Session Chair
ARCC Conference Building Science and Technology
Session Large national/internationally attended event
- 2016 Invited Moderator
ARCC/EAAE International conference Topic Chair and Session Moderator:
Community and Urban Participation
Large national/internationally attended event
- 2016 Invited Moderator ICERI: International Conference on Education
Research and Technology: Session Topic Chair; Seville, Spain
Large national/internationally attended event

CONFERENCE TOPIC CHAIR + PEER REVIEWS

2020+2021 Fairchild Books: Peer

Reviewer 2019 Bloomsbury Books: Peer

Reviewer 2022 Intellect Books: Peer

Reviewer

2021, 2022 diid — Disegno Industriale Industrial Design Journal

2020, 2019, 2018 Invited Reviewer – Perkins + Will Research Journal

2019 Invited Reviewer – EDRA Core Research Certification Program

2019 Invited Reviewer – EDRA Conference EDRA Session Chair

2019 Residential Design Competition Juror – Cleveland Residential Environment

2018 ARCC Paper Reviewer

2018 Invited Reviewer – IDEC Arts and Creative Projects Chair
 2018 Penn State Interdisciplinary Funding Program Grant Reviewer
 2018 Drexel Creativity Awards Proposal Reviewer
 2017 Invited Guest Juror – University of Tennessee Knoxville, Guest Final Reviews
 Interior Design
 2017 Invited Reviewer – ACSA Paper Reviewer: Health and Design Session
 2017 Invited Reviewer – IDEC Public Interior: Creative Works Session Reviewer
 2017 Invited Reviewer – EDRA CORE
 New program for Research Credentialing Environmental Design Research
 Association
 2015 IDEC Abstract reviewer – Creative Category
 2015 ARCC Abstract Reviewer
 2015 EDRA Conference Topic Chair – Historic Spaces and Health Session/EDRA
 Abstract Reviewer
 2014 Invited Reviewer – Perkins + Will Research Journal: Paper Reviewer
 2014 IDEC Regional Abstract Reviewer – Midwest Region
 2013 Venture-well Open – Conference Session Chair

RESEARCH ADVISING AND MENTORSHIP

STUDENT THESIS AND RESEARCH ADVISING

2020-Present Coordinator	Design Research Thesis Advisor and IRB
2020/21	MSIAD Thesis Advisor: Student: Emily Grigsby
2016-2020	Design Research Thesis Advisor and Thesis Coordinator
2013-Present	Custom Design Major Senior Project Advisor
2010-2016	MSIAD Graduate Thesis Advisor
2010-2017	BSID Senior Design Thesis Guest Critic
2013-2015 Advisor 2013	US Green Building Council Student Chapter Faculty Research Coop Advisor with Dr. Shivanthi Anandan
2012	Research Coop Advisor with Debra Ruben
2013, 2016, 2017, 2019, 2020	Summer Star Scholar Mentor (with Debra Ruben and Dr. Shivanthi Anandan)

PUBLISHED STUDENT THESIS PROJECTS

- Abreu, T. (2020). Circular Design for Consumers of a Linear Economy: A User-Centered Design Approach for the Adoption and Utilization of Access Model Services [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2425561612?pq-origsite=summon>
- Chen, J. (2020). A Conceptual Case for Understanding Fashion Retail in the Age of Hypermodernity & Storytelling [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2430954785?pq-origsite=summon>
- Jahr, R. E. (2021). Cultures of Place: Ethical Design Solutions for Urban Density [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2572612600?pq-origsite=primo>
- James, W. (2020). Enhancing Personal Development Through Creative Exploration with Clothing [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2434500227?pq-origsite=summon>
- Longo, J. B. (2019). Emergent Making: Material Expression, Character, Performance [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2302013402?pq-origsite=summon>
- Marconi, A. (2019). INSPIRE.ME The Creation of a Tool and Service to Inspire Continued Recovery Efforts in Disaster Relief [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2301477250?pq-origsite=summon>
- Mastrobattista, M. M. (2020). Convening Sustainable Learning: Examining the Community School Framework as a Mode of Creating Sustainable Learning Environments [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2426564679?pq-origsite=summon>
- Rable, S. (2019). The Creation of A Tool to Aid in Healthy Material Selection for Interior Designers [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2300629532?pq-origsite=summon>
- Rathjen, M. (2019). Engaging with Surveillance in Public and Semi-public Spaces [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2273838296?pq-origsite=summon>
- St Angelo, N. (2019). Ecosystem of Interactions: Solving for Plastic [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2278079024?pq-origsite=summon>
- Sutkowski, R. A. (2019). From Optical to Tactile-Extruding Photography [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2282581307?pq-origsite=summon>
- Xu, Y. (2020). Decoding Styles: Contextual Study on China/ Us College Fashion [ProQuest Dissertations Publishing]. <https://search.proquest.com/docview/2430690184?pq-origsite=summon>

DLCS4HEALTH LAB STUDENT COLLABORATORS 2018-2020: GRANTS FUNDED

- Thelmelis Abreu Years involved in Integral Living research 2018-present;
Projects developed: Current work with Garden Fresh Home: Project Development and Research 2018-2019 Creative Spaces for Homeless Dual Diagnosis Vets; Community Partners:
IMPACT Services Funding Streams: Drexel Ventures and Scattergood Grant
- Paris Gramman Custom Design Major Alumna, Better Bunk Summer 2020; Co-supervised Dr. Yvonne Michael
Funding Stream: The Scattergood Foundation
- Grace Newman Lapinski MS Design Research student, Better Bunk Summer 2020; Co-supervised Dr. Yvonne Michael

Funding Stream: The Scattergood
 Foundation Bradley Winograd
 Summer 2020 Architecture student
 CNCS assistant: Co-design and Participatory Design and Cohousing Case
 Studies Funding Stream: CNCS and Design Research

Thanh My Nguyen
 Alumna MS Design Research Program; years involved in Integral Living Research, 2016-
 Present Project developed Map the Gap: Community Partners: National Nurse-Led Care
 Consortium of PA /PHMC, Health Rowhouse Project, Home Preservation Initiative;
 Co-supervised Dr. Yvonne Michael Funding Stream: Scattergood

Elise Krespan
 Alumna MS Design Research Program; Years involved in Integral Living
 Research 2016-2018; Project Developed: Data-Linxors; Community Partners:
 National Nurse-Led Care Consortium of PA /PHMC, Health Rowhouse Project,
 Home Preservation Initiative; Co-supervised Dr. Yvonne Michael
 Funding Stream: Scattergood; ExCITE

Nicholas St, Angelo
 Alumni Design Research Program; Years involved in Integral Living Research 2017-2018;
 Project developed: Better bunk; Community Partners: RISE; Peoples Emergency Center;
 Co-supervised Dr. Yvonne Michael
 Funding Stream: Design Research GA; Scattergood

Samantha Stein
 University of Pennsylvania Undergraduate Health and Technology Student; Years
 involved in Integral Living Research 2016-2018; Project developed Map the Gap:
 Community Partners; National Nurse-Led Care Consortium of PA /PHMC, Health
 Rowhouse Project, Home Preservation Initiative;
 Co-supervised Dr. Yvonne Michael
 Funding Stream: Scattergood; Lindy Center; ExCITE

Center Simone Scally,
 2020 Alumna Design Research Student; Years involved in Integral Living research
 2019-2020 Project developed: Creative Spaces for Homeless Dual Diagnosis Vets;
 Community
 Partners: IMPACT Services
 Co-supervised Dr. Yvonne Michael

RESEARCH ASSISTANTS 2014-2017 GRANTS AND UNIVERSITY FUNDED

Public Health Research Assistants: With Dr. Yvonne Michael

- Manasvi Shah; MSPBHL; 2016 Health Design Research; acted as TA
- Dylan Tracy MSPBHL; 2017 Therapeutic Expressions: Building a Better bunk

Interior Design Research Assistants:

- Amir Sedeghi, MSIAD; Integral Living Research 2016
- Neha Basavaraj, MSIAD; URBN STEAMlab; with Shivanthi Anandan 2016
- Rita Truongcao, MSIAD; URBN STEAMlab; with Shivanthi Anandan 2015

Engineering Research Assistants: supervised with Shivanthi Anandan

- Will Char, MS Engineering; URBN STEAMlab; Research Coop 2015
- Bryan Cummings, MS Engineering; Integral Living Research 2016

Biological Environmental and Earth Sciences (BEES)

- Colin Cavote with Dr. Shivanthi Andandan and Dr. Joan Weiner Research Coop 2014

STAR SCHOLAR RESEARCH ASSISTANTS

University-funded undergraduate summer full-time research assistants

- Summer 2019 Topic: Healthy Housing Convened and arranged for Lab special events with visiting Public Health Scholar Students and Professor Rachel Schade's Star Scholar Farah Abdel Jawad: Architectural Engineering
Anjelica Soesanto: Architecture
Dolma Sherpa: Digital Media
- Summer 2017 Topic: Green Space in the Home
Advised in a shared group with Professor Anandan's Biology STAR scholars Abigail Gard: Mechanical Engineering
Hung Nguyen: Mechanical Engineering
- Summer 2016 Topic: Urban Housing
Advised in a shared group with Professor Anandan's Biology STAR scholars Kiera Townsend: Architecture
- Summer 2013 Topic: Healthy and sustainable Interiors, co-advised with Professor Deb Ruben Katie Vaccarro: Interior Design

FUNDED INSTALLATION & COMMUNITY PROJECTS

- 2016 "Brandywine Park" Mantua Community Tiles Project, worked with Jody Graff and Eugenia Ellis to develop Community Tiles project with Mantua Artist Rebecca Rose at the Brandywine Park in Mantua: Tiles Project participatory project that brings families together to create tiles displayed at the park and raise awareness for a future park project
- 2014 "MobileREACH": Mobile Autism Assessment Unit designed and developed with 12 students and faculty and researchers from the AJ Drexel Autism Institute
- 2013 "Mantua Presbyterian Project": Design/build outdoor space built in Mantua for assisted living facility six-month project with 19 students, adjunct professor Andrew Cronin, and Community members to design and implement a garden and outdoor activity space for a low-income senior facility.
- 2010 "Decon/Recon": With a team of collaborators deconstructed existing structures; Design Built small scale structure from re-claimed materials; Yearly Course and project Yestermorrow, Warren VT
- 2009 "Re-shade": Recycled materials shading device installed, Warren VT and Philadelphia PA 2007 "Dominoes on 7th": Outdoor community space and garden using recycled and donated materials
- 2006 Fringe Festival Featured Installation Artist: Produced six installation pieces at various locations over the course of three festival years; various locations in Olde City in conjunction with the Fringe Festival and the Fringe Cabaret Space. All works were temporary interactive installations.

GROUP AND SOLO EXHIBITIONS AND INSTALLATIONS

- 2015 Center for Architecture; "Infill Philadelphia: How We Play"; juried exhibition: entry with Professor Debra Ruben as part of McMichael School Play Space Design Team
- 2015 Dornsife Center; Community Dinner; featured faculty artist; July and August
- 2015 3rd Street Gallery; "Contemplative_Implicative_Formative"; solo exhibition; Philadelphia PA 2014 Bridget Meyer Gallery; "BalletX"; curated group exhibition; Philadelphia PA; September
- 2014 Seraphin Gallery; "Eons Beyond the Rib"; curated group exhibition; Philadelphia PA; October 2012 AIA Philadelphia; "Art by Architects"; juried group exhibition; Philadelphia PA; September 2011 Design Philadelphia; "Philly Works"; installation contributor; Philadelphia PA; October

- 2010 Seraphin Gallery; "Printable"; Group Exhibit; Philadelphia PA; February / March
- 2009 University of Pennsylvania Meyerson Hall Gallery; "Philly Works"; juried group exhibit installation of Re-shade project; Philadelphia PA; October
- 2009 Rosenfeld Wolf Gallery; "Expo" University of the Arts benefit group juried exhibit; Philadelphia PA; March
- 2008 Seraphin Gallery; "Army of Me"; solo exhibition of paintings; Philadelphia PA; April
- 2008 Contributor: Whitney Museum of American Art at Altria; "Praxis: Dreams and Possibilities"; New York NY; March
- 2008 Contributor: Institute of Contemporary Art; "Basekamp Plausible Artworlds" at "Locally Localized Gravity" group exhibition; Philadelphia PA; February / March
- 2007 Tyler School of Art: Architecture Department; "Seams and Surfaces: Work of Students and Faculty: Tyler School of Art"; juried exhibition; Philadelphia PA; January
- 2007 Seraphin Gallery; "We'd Rather Not Tell You"; curated group exhibition of gallery artists; Philadelphia PA; November
- 2007 Regina Gouger Miller Gallery; "Centennial CFA"; juried exhibition; Pittsburgh PA; January- March; Carnegie Mellon University Juried Exhibition to Celebrate 100th Anniversary of The College of Fine Arts
- 2006 Seraphin Gallery; "Out of Line"; curated group exhibition of gallery artists; Philadelphia PA; January

DESIGN CREDENTIALS; LICENSES + AFFILIATIONS

- 2017- Present NCIDQ Certificate holder
- 2016- Present LEED Green Associate
- 2016-Present Design Research Society Member
- 2014-Present EDRA Member
- 2002-Present Registered Architect, Pennsylvania
- 2002-Present AIA Member
- 2010-2018 NCARB Certified
- 2011-2017 IDEC-- Institutional Affiliate Member
- 2002-2018 On Design Registered Firm, Pennsylvania
- 2007-2018 Women Owned Business (WBE) City of Philadelphia certification

- 2019 Urban Health Collaborative (UHC) Faculty Affiliate: Faculty Affiliates of the Urban Health Collaborative are involved in UHC activities, collaborate with staff and faculty, and have experience in research, practice, and training related to improving health in cities
- 2014 AIA Health and Design Research Consortium, Member Drexel Team: Principal Investigators: Yvonne Michael and Debra Ruben

TEACHING:

DREXEL UNIVERSITY 2021-2022

FALL 2020-2021						
Course Rubric + Number	Course Title + Info	Student Credit Received	Faculty Credit Received	# of Students	# of Hours Per Week	DSN % Responsibility
DSRE 620-001	Design Problem Solving: Course Includes Design Thinking and community health innovation. Collaboration with Penn Medicine and Kline Law school	3	3	29	4	100%
DSRE I599	Design Research Iterative Studies: Independent Study Student engaged in Design thinking and innovation with 3-d printing	3	0 Faculty given no credit for IS	1	1	100%
DSRE I599	Design Research Prototyping: Independent Study Student learned creative prototyping	3	0 Faculty given no credit for IS	1	1	100%
WINTER 2020-2021						
Course Rubric + Number	Course Title	Student Credit Received	Faculty Credit Received	# of Students	# of hours per week	DSN % Responsibility
INTR 642-002 (Formerly INTR 742)	Graduate Studio C Community Studio: Innovation center for displaced Population. DSN acts as studio leader for all sections.	4	4	10	6	100%
DSRE 635-001	Translational Design Research	3	3	13	4	100%
CHEM T580-001	Enhancing The Creativity of a Research Project	3	0	11*	3	30%
INTR 697	Thesis Development	3	1	1 advisee	1-2	100%
DSRE I699	Thesis Explorations	3	0 Faculty given no credit for IS	1	1-2	100%

DSRE I699	Proposals in Design Research	3	0 Faculty given no credit for IS	1	1-2	100%
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WINTER 2020-2021

INTR I599	Research in Design	3	0 Faculty given no credit for IS	1	1-2	100%
INTR I399/ INTR I599	Sustainability/ Sustainability Research: Grad and undergraduate students undertaking a research oriented look into Sustainability	3	3	9	1-2	100%

SPRING 2020 - 2021

Course Rubric + Number	Course Title	Student Credit Received	Faculty Credit Received	# of Students	# of Hours per Week	DSN % Responsibility
DSRE 645-001	Thesis Proposal	3	3	3	4-5	100%
INTR 698	Thesis Documentation	3	1	1 advisee	2	100%
HN RS 301/ HIS T T380	Interior Space, Environment, & Disaster: Developed course on prevention and health support through disaster and health impacts for Honors Symposium	3	0 Faculty received extra comp salary through Honors	22	3	100%
AS - 502	Enhancing the Creativity of a Research Project	3	0 Faculty given no credit for IS	8	3	30%
DSRE I699	Solutions in Design Research: Student examined Design Thinking and Problem solving models	3	0 Faculty given no credit for IS	1	1	100%
INTR I599	Design Problem Solving: Student examined Design Thinking and Problem solving models	3	0 Faculty given no credit for IS	1	1	100%

SUMMER 2020-2021						
Course Rubric + Number	Course Title	Student Credit Received	Faculty Credit Received	# of Students	# of Hours per Week	DSN % Responsibility
DSRE 650-001	Thesis Practicum: Professional Research oriented summer experience	1	1	5	1-2	100%

COURSE RESPONSIBILITY & OVERSIGHT 2015-2022

Course Rubric + Number	Course Title	Credit Hours	Current Course Coordinator	Taught 2015-2021	DSN is Course & Program Developer
DSRE 620*	Design Problem Solving	3	x	x	x
DSRE 625	Technologies Of Making	3	x		x
DSRE 630	Visualization for Design Professionals	3	x		x
DSRE 635	Translational Design Research	3	x	x	x
DSRE 641	Contemporary Design Theory Course revised 2018	3	x		
DSRE 645	Thesis Proposal	3	x	x	x
DSRE 650	Thesis Practicum	1	x	x	x
DSRE 750	Thesis I	3	IRB coordinator no credit given	x	x
DSRE 760	Thesis II	3	IRB coordinator no credit given	x	x
DSRE 770	Thesis III	3	IRB coordinator no credit given	x	x
INTR 642	Studio C Retail	4	x	x	x
SBE Minor INTR 310	Sustainability History Theory and Criticism	3	x	2016 only	x
SBE Minor ARCH 315	Sustainable Built Environments	3	x		
SBE Minor ARCH 320	Sustainable Built Environments II	3	x		
SBE Minor INTR 410	Collaborative Research in Sustainability	3	x	2016 only	x

COURSE/PROGRAM DEVELOPMENT- 2020 -2022 (CURRENT)

2021 Honors Symposium Fellow:

HNRS 301: Interior Space, Environment, & Disaster and Conversion of DSRE 620 Design Problem Solving to include trans-disciplinary design-led Collaborative Effort with Kline School of Law and Penn-medicine. HNRS 301: Developed course on

prevention and health support through disaster and health impacts for Honors Symposium Asked to participate in the 2020/2021 Honors Symposium as Affiliated faculty this included sponsored courses and research coop: HNRS 301/HIST T380: Interior Space, Environment, & Disaster <https://drexel.edu/pennoni/academics/the-symposium/theme-for-2020-21/>

AS-501/502 -- Trans Disciplinary Cross University Research Courses:

AS-501: Creative Interdisciplinary Team Research: Principles and Practice and AS-502:Enhancing the Creativity of a Research Project.

Developed as part of a collaborative trans-disciplinary development with faculty from CoAS, and School of Education, of required courses in graduate minor as a part of: National Science Foundation; "IGE: Creative Interdisciplinary Research in Graduate Education (CIRGE)" PI- Fraser Fleming, Department Head Chemistry; Co-PI D.S. Nicholas, AIA; Co-PI Paul Gondek, PhD; Co-PI Jen Katz-Buonincontro, PhD; Co-PI Dan King, PhD. NSF 17-585 Innovations in Graduate Education Program.

2021: DESIGN RESEARCH DIGITAL ASSET BLACKBOARD LEARN ORGANIZATION

Created Digital asset for DSRE program includes all courses and core techniques in Human Centered Design, Design-Led Strategy, and Design Research. All core concepts are anchored in the process of Gather, Analyze, Synthesize and Conceptualize. Designed to act as a hub and gateway for the DSRE program, and includes all resources and techniques, and hosts all tools, processes, and techniques in a wrap-around format for the students to have with them throughout their DSRE journey.

COURSE DEVELOPMENT- 2015-2020

Special Topics with Design Research Adjuncts:

2018 DSRE T680 Archives and Indexes

Augmented Departmental course offerings and Design Research elective options. with Daniel Newman – course in which the use of archived information is examined historically, personally, and as a tool for designers.

Regularized in 2022

2018-present DSRE T680 Design and Disruption: with Alumni Nicole Feller-Johnson (DSRE/FASH) and Elise Krespan (DSRE/BIO) – Course in which digital and hand making as a mode of production is examined.

Research Course Special Topics to Regularized Course

2016 DSRE 677 Seminar: Health & Design Research 3 Credits

Regularized interdisciplinary course sponsored by Scattergood Foundation and co-taught for four terms 2015-2019 with Dr. Yvonne Michael from The Dornsife School of Public Health. Includes: community design, design thinking, tactical urbanism, human, and patient-centered design.

Course has an EPI Cross-list: EPI 677

STUDENT PRESENTATIONS AND AWARDS LINKED TO TEACHING

Greg Sieber 2020 Aquatic Fabulations on the Schuylkill: Speculative Bodies of Translation 2019 The Conference: Annual Meeting of the Society for Social Studies of Science New Orleans, LA; Session Name: Making and Doing (Advisor Nicole Koltick)

Megan Marie Mastrobattista 2020 Interactive Spaces Conference: Florida State University (Advisor D.S. Nicholas)

Nicholas St. Angelo 2019 Nick presented his thesis (Advisor: Liana Dragoman) at the Fifteenth International Conference on Environmental, Cultural, Economic & Social Sustainability

in Vancouver, Canada this past January. St. Angelo was awarded the International Travel Grant from Drexel's Office of International Programs and traveled to Vancouver to present his work, "Evolution of Plastic and Its Detriment to the Environment," during the poster/exhibit session.

Thanh My Nguyen

ARCC 2018 Map the Gap; Advised by myself and Dr. Yvonne

Michael EDRA 2018 Map the Gap; Advised by myself and Dr.

Yvonne Michael

Elise Krespan (Dual BIO/DSRE) Venture Well 2018 Presented URBAN STEAMlab work Co-advised by Dr. Shivanthi Anandan and D.S. Nicholas

Elise Krespan, Alumna Dual BIO/DSRE; and Nicole Feller-Johnson, Alumna Dual FASH/DSRE; Presented DSRE Special Topics Remotely at the NSIA 2020: Emerging and Experimental Agendas in Design Education Faculty of Architecture, University of Manitoba, Winnipeg, Canada

Erin Okoniewski EDRA 2018 DSRE Thesis Presentation (Dual DSRE/INTR) Advised by D.S. Nicholas for DSRE and for INTR Christina Grimes

INTERIOR DESIGN

- 2017 Xiao Long, Interior Architecture & Design graduate student; received DIS, Design Excellence Award.
- 2017 Henry Whalen and Julia Keohane, BS Interior Design seniors, placed second in the first annual HOK Futures Design Challenge.
- 2017 Natala Covert and Xiao Long, MS Interior Architecture & Design second-year students, placed second in the first annual HOK Futures Design Challenge.
- 2016 Natala Covert, Xiao Long and Jasmine Ye, Interior Architecture & Design graduate students, were selected as three of the ten finalists in the Jacob's Competition
- 2016 Karlie Primich, Interior Architecture & Design graduate student, received Third Place in the IIDA (International Interior Design Association) Design Bowl 2016 for her submission, Hotel Regina; and Viktoriya Pozdnyakova, Interiors graduate student, received honorable mention for her Walnut Retail Space submission
- 2016 Yiyun Luo, Interior Architecture & Design graduate student, National ASID Portfolio Honorable Mention
- 2015 Yiyun Luo, Interior Architecture & Design graduate student, National Jacobs Competition First Prize

SERVICE TO DREXEL UNIVERSITY

DEPARTMENTAL SERVICE

2016-PRESENT FOUNDING DIRECTOR

MASTER OF SCIENCE DESIGN RESEARCH

Director Duties include

- Maintain curriculum rigor
- Supervise adjuncts and standing faculty in program delivery
- Academic advising of students in their paths
- Identify research and career opportunities
- Marketing and recruitment events
- Build cohort numbers yearly
- Work with faculty to identify opportunities for entering students
- Manage adjunct faculty and develop special topics
- Institutional Review Board Thesis coordinating for thesis cohort
- Work with graduate admissions to identify, review and process applications
- Transcript and portfolio review of students as well as personal interviews
- Work with International Students and Scholars Department
- Accepted Students' correspondence – developing a plan of study for each student, determining start date, and prerequisite courses
- Coordinating and advising students in student design competitions
- Curriculum: Maintain up to date sequence sheets and plan of study sheets
- Semi-Annual Curriculum Revisions
- Advise on graduate Assistantships Deans Fellowships
- Update and maintain student records
- Propose and maintain yearly budget, coordinate with other departmental budgets and requests as needed

DESIGN RESEARCH PROGRAM CURRICULAR ADJUSTMENTS

Summer 2020-Present

Ongoing anti-racism and De-colonization Audit and adjustment of program courses
Self Study: Created and completed audit of anti-racism, equity, and access resources and learning within required courses and thesis; Review revisited every summer term.

2020-2021 DSRE program inclusions across the University

DSRE Courses have been added as electives or degree requirements in the following

Programs: MS Interior Architecture:

<http://catalog.drexel.edu/graduate/collegeofmediaartsanddesign/interiorarchitecture/index.html#degreerequirementstext>

MS Interior Architecture & Design:

<http://catalog.drexel.edu/graduate/collegeofmediaartsanddesign/interiorarchitectureanddesign/#degreerequirementstext>

Creative Education and Entrepreneurship:

<http://catalog.drexel.edu/graduate/schoolofeducationcreativeeducationandentrepreneurship/#degreerequirementstext>

Library and Information Science

<http://catalog.drexel.edu/graduate/collegeofcomputingandinformatics/libraryandinformationscience/#degreerequirementstext>
Human-Computer Interaction and User Experience:
<http://catalog.drexel.edu/graduate/collegeofcomputingandinformatics/humancomputerinteractionanduserexperience/#degreerequirementstext>
Digital Content Management:
<http://catalog.drexel.edu/graduate/collegeofcomputingandinformatics/digitalcontentmanagement/#degreerequirementstext>
Urban Strategy:
<http://catalog.drexel.edu/graduate/collegeofmediaartsanddesign/urbanstrategy/#degreerequirementstext>

Proposed 2017 implemented the school Year 2018/19

Proposed new course to replace DSRE 640, a core course in the spring term of the first-year sequence in the MS Design Research Program. Since the implementation of this program in September 2017, we decided that the topic and title of the course needed adjustment to more closely align with the learning objectives of the program, including a closer examination of contemporary design theory and scholarship as the students enter their thesis sequence. The new course DSRE 641 Contemporary Design Theory meets these criteria.

Proposed 2018 Implemented school year 2019/20

Change to Named Degree:

This degree requires a distinct diploma as it is a course of study that combines research, theory, practice and studio exploration. As such the title MS Des, "Master of Science in Design Research" will be designated on the diploma for graduates. The Dual major option will be especially enhanced with this change in degree. Other comparable programs regionally and nationally have named degrees.

Added Part time option

In the part time option students typically will complete the program in 10 terms. Students are advised that they are required to hold a minimum of 4.5 credits to receive graduate financial aid.

BS/MS Option: Design Research and BS Interior Design

Approved 2019/2020 BS/MS program with Interior Design BS and Design Research MS. The two programs are in the same department and create a valuable professional pathway between design- based disciplines.

2012-PRESENT COORDINATOR

SUSTAINABILITY IN THE BUILT ENVIRONMENT MINOR

- Work with standing faculty to ensure enrollment
- Supervise adjuncts and standing faculty in program delivery
- Market the minor to ensure a more cross-university population
- Advise students on entrance into the minor
- Evaluate coursework for inclusion as electives in the minor.
- Meet and confer with student advisors to ensure processes are followed and students' credits are attributed correctly
- Update and maintain student records

ACCREDITATION SERVICE

NASAD

2016-Present National Association of Schools of Art and Design (NASAD)
Accreditation: MS Design Research
2016 Initial NASAD report at inception of the program

- 2017-2019 Maintained program records with College Designated NASAD coordinator, Sara Steinwachs. Submitted official follow up in 2018 reported permanent status for program Filed Program adjustments
- 2014-2015 Interiors National Association of Schools of Art and Design (NASAD) Accreditation Faculty Team

CIDA

- 2011-2018 Council on Interior Design Accreditation (CIDA) Standing Faculty Committee: Assisted with two successful CIDA accreditations and implemented curricular adjustments related to program self-study
- 2011-2012 Exhibit Design Lead: Drexel Interior Design Dual Accreditations Masters and bachelor's Programs CIDA Accreditations: Exhibit Design and Exhibit Coordinator BSID and MSIAD; graphics and operational assistance with Standing Interiors Faculty
- 2011-2012 CIDA Accreditation Service: digital and report support

NAAB

- 2011 National Architecture Accreditation Board (NAAB) Minor Support for the Drexel Architecture Program initial file and artifact support

STUDENT ACADEMIC ADVISING

2016-Present

Graduate Advisor Design Research (with Office of Student Services Support starting AY 2018-19)

2013 - Present

SBE Minor Advising in collaboration with the Office of Student Services Support starting AY2021-22 and Academic Advisors across the University

DEPARTMENT COMMITTEES

- 2021-2022 Department of Architecture, Design & Urbanism ARFAA Lecture Committee
- 2011-2016 Department of Architecture, Design & Urbanism Technology Committee: Assisted with all technology decisions and purchases for the Department Programs including hardware and software discussions
- 2010-Present
Standing Faculty Curriculum Committee: comprised of all Departmental standing faculty.
- 2015-2016 MS Design Research Working group and Steering Committee
Worked with standing faculty to author and develop the MS Design Research Program including core courses and sequence. Core faculty working group: D.S. Nicholas, Debra Ruben, Alphonso McLendon, Kathleen Martin, and Nicole Koltick. Joined post-dissolving of the expanded committee.
- 2011-2016 Digital Technology Coordinator Interiors Programs
Including Website, Social Media, and Software/Equipment needs for both programs

SEARCH COMMITTEES

- AY 21/22 Co-chair With Associate Professor Andrew Zitcer Department of Architecture Design, & Urbanism: Department Head Search
- AY 20/21 Product Design Tenure Track Search Co-Chair with Professor Alphonso McLendon Interior Design Teaching Professor Search
- AY 16/17 Department of Design Department Head Search Committee member
- AY 15/16 Product Design Tenure Track Search Committee member
- AY 13/14 Design and Merchandising Tenure-Track Search Committee member
- AY2012/13 Architecture Tenure Track Position Search Committee member

- AY 12/13 Architecture Non-Tenure Track Position Search Committee member

COLLEGE SERVICE

2021-2022: Chair Strategic Graduate and Lifelong Learning Committee

2020-Present Faculty Caucus And Shared Governance Service

- 2020-2021 Served as Vice-chair Faculty Caucus
- 2015-Present Caucus Committee on Academic Affairs Department Graduate Representative (formerly known as the college's curriculum committee)
- Summer 2021 Faculty Work Load Policy small group committee

2020- Present Strategic Planning Committees:

- Chair: Graduate and Lifelong Learning Committee (GLLC)
Examination of Graduate Education and Certificates within the context of Westphal College: looking in part at capacity and markets
- Member: Design Committee
Education and consensus on design as part of the university mission; how to grow our influence across the university

Other Standing College Committee Service

2019-2021 Westphal Diversity Equity and Inclusion Council: Recording Secretary

2011-2015 Faculty Research Mini-grant Review Committee

2014 Westphal College of Media Arts & Design Entrepreneurship Committee

2010-2011 Westphal Faculty Research Exhibit Committee

UNIVERSITY SERVICE

- 2022 CANOPI Advisor: Advised group in the 2022 University faculty promotion portfolio program
- 2022 CORE Integration Facilitator: facilitated meetings for the integration of DUO university strategic partnerships into Enrollment Management
- 2021-2022 Senate Building, Planning and Development (BP&D) Subcommittee at-large member
- 2020-Present University Strategic Planning committee: CELL Committee: Lifelong Learning And Certificates In Service To The Drexel 2030 Agenda
- 2020-2022 Two-year term served Senate Committee on Academic Affairs: (SCAA) Graduate Subcommittee
- 2015-2016 Drexel Foundations and Corporate Relations Committee
- 2013-Present Pennoni Honors College Star Scholar Mentor
- 2014-Present Fulbright Candidate Reviewer

PROFESSIONAL EXPERIENCE

PROFESSIONAL SERVICE 2000-PRESENT

- 2018-Present Service Design Network Philadelphia Chapter Co-founder and Member 2014-2018 AIA Health and Active Design Committee:
Completed active design case studies with committee members
- 2015-2017 PHL Fit City 2 and 3 Planning Committee
- 2015 Advisor: 34th and Brandywine Park: Group working to revitalize Mantua Neighborhood Park
- 2010-2012 Project Reviewer: Mural Arts Program
- 2010 Resource Advisor: Philadelphia Zoning Works Commission: advised in the development of the revised Philadelphia Zoning Code
- 2010 Philadelphia Zoning Code Reviewer: related to signage. Resource advisor Philadelphia Commerce Department: various commercial corridors
- Fall 2011-2014 Community Design Collaborative Project Designer: HACE RSTORE
- 2002-2003 Harrisburg Urban Studio Task Force: Harrisburg Mayor's Initiative. Served as a member of a task force convened to create a design/build urban studio and education center in the City of Harrisburg
Chairperson Curriculum Committee

OWNER + ARCHITECT ON DESIGN LLC

2002- Licensed Architecture and Interior Design solo practice: I worked with clients large and small to 2014 to create spaces and projects that facilitate users' needs creatively and with added value. With a focus on Community Storefronts, Community Non-profit, and Residential spaces, and building reuse.

COMMUNITY, INSTITUTIONAL AND NON-PROFIT DEVELOPMENT

- 2011 Philly Painters Project: Haas and Haan Storefront Standards Design: Mural Arts North Philadelphia
- 2010 PARC Passyunk Avenue: On Design LLC was selected via RFP to design five storefronts by the Passyunk Avenue Revitalization Corporation in conjunction with Graham Bailer, Architect
- 2007- Resident Storefront Architect-Fall 2007-2012: worked with Fairmount Community Development Corporation, designed and partially implemented over 25 separate projects with separate vendors on commercial corridors
- 2010 Cooperative Nursery School Germantown PA: code review and feasibility study

- 2009 "The Parlor" Community dance rehearsal and performance space: South Broad Street, Philadelphia PA; Renovation, ADA Variance, space planning and code review
- 2010 Concord Management: Olde City, Philadelphia PA, complete commercial renovation five-story office building; ADA state variance
- 2000 Backes and Backes LLP, Law Firm: Trenton NJ: 2,000 square foot commercial interior renovation
- 2002 Construction Interiors and Materials Administration Consultant: Curry Construction General Contractors; restaurant and entertainment design consultant

RESIDENTIAL + DEVELOPMENT

- 2009 Fairmount Flats: 16th and Fairmount Loonstyn Brothers Development: Residential development project assistance including space planning, schematic design, zoning, planning commission approvals, and code research
- 2000- 2011 Various infill rehab and interior residential development projects Brown McKinney Brokers
Pearl Street, Sears Street, Cuthbert Street, Kater Street, Montgomery Ave: addition and interior Renovation: Philadelphia row homes including Historic Commission and ZBA hearings House at 2249 Fitzwater Street: project development design and documentation for 2,000 square foot row house
- 2006-2008 R Limited Residential Interiors Project Consultant: Interior design document production and design, Manhattan renovations
- 2004 House at Queens Village: Kitchen bathroom and bedroom renovations and addition, with required city variances

PROJECT DESIGN + MANAGEMENT 1994-2002

- Project Designer: Spring 2001-Summer 2002
Michael Shannon Design/s: Interior Design, Private Residences; New Storefronts, Goldman Properties 13th Street Corridor; Law Practice: space planning and renovation; World Affairs Council: space planning
- Project Designer: Fall 1997-Spring 1999 Christopher Beardsley Architects
Interior architecture, space planning, detailing, project design, and management of various residential and retail projects
- Project Designer: Fall 1996-Fall 1997 Brawer and Hauptman Architects
Project designer, construction administration, residential, and clinical health projects
- Project Designer: Spring 1996 H2L2 Architects
Participated in design development and construction drawing and administration of embassies and law firms
- Project Designer: Summer 1994-Spring 1996 Stuart G. Rosenberg Architects Participated in design development and construction drawing and administration of various commercial projects