

Kevin D Shankwiler, IDSA
Assistant Professor
School of Industrial Design
College of Architecture, Georgia Institute of Technology

- I. Earned Degrees**
- II. Employment History**
- III. Honors and Awards**
- IV. Research, Scholarship, and Creative Activities**
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Kevin D Shankwiler, IDSA
Assistant Professor
School of Industrial Design
College of Architecture, Georgia Institute of Technology

I. Earned Degrees

| | | | |
|-------------------------------|------|---------------------------------|------------|
| Master Industrial Design | 2006 | Georgia Institute of Technology | |
| Bachelor of Science Design | 1996 | Georgia Institute of Technology | Industrial |

II. Employment History

Assistant Professor

School of Industrial Design
College of Architecture
Digital Fabrication Laboratory
August 2010 – Present

Georgia Institute of Technology
Atlanta, Georgia

Visiting Assistant Professor

Industrial Design, College of Architecture
Digital Fabrication Laboratory
(Advanced Wood Products Laboratory)
August 2007 – June 2010

Georgia Institute of Technology
Atlanta, Georgia

Principal / Industrial Designer

Shankwiler Design, LLC
January 2004 – Present

Atlanta, Georgia

Part-Time Lecturer

Industrial Design, College of Architecture
August 2006 – June 2007

Georgia Institute of Technology
Atlanta, Georgia

Industrial Design Intern

Consolidated Container Company
Panella Engineering and Development Center
May 2005 – August 2005

Atlanta, Georgia

Senior Industrial Designer

Intelligent Enclosures Inc
February 1997 – January 2003

Atlanta, Georgia

III. Honors and Awards

1. Featured in *Research Horizons* magazine, “Individualizing Mass Production,” part of Developing Novel Manufacturing Technologies article, a publication of the Georgia Institute of Technology, Winter 2011, pp. 9-11.

IV. Research, Scholarship, and Creative Activities

A. Published Books, Book Chapters, and Edited Volumes

No Data

B. Refereed Publications and Submitted Articles

B1. Published and Accepted Journal Articles

1. * **(Invited)** Shankwiler, K., “Design Thinking is Dead? A digitally inclusive approach says otherwise,” *Design for All*, publication of the Design for All Institute of India, August 2011, Vol. 6(8)

B2. Conference Presentation with Proceedings (Refereed)

1. * Rebola, C., Shankwiler, K. (2013) “Outreach Initiative for Education of Future Industrial Designers,” *DRS // CUMULUS 2013: 2nd International Conference for Design Education Researchers*, Oslo, Norway, 14-17 May 2013. Publication and presentation.

B3. Other Refereed Material

No Data

B4. Submitted Journal Articles (with date of submission)

No Data

C. Other Publications and Creative Products

C1. Professional Practice / Studio Work

1. Expert Witness: Retained as expert witness by Lee & Hayes Associates for design patent infringement case (2014).
2. Shankwiler Design, LLC: *Concepts for digital retail shopping platform* for Think, Inc. (2013). Generated sketch concepts to explore various hand-held devices for digital shopping integration.

3. Shankwiler Design, LLC: *Akorn Cooker* for Char-Griller Inc (2005-2010). Design of egg-shaped smoker and grill. Product on market, 2012

C2. Student Recognition

1. Hotard, D., Campbell, M., Collier, W. (2012). “*Transport Bicycle.*”
 - a. “*Reinventing the (Hubless) Wheel: ‘Transport’ Is a Trunk for Your Bike,*” Case Study, Core77, www.core77.com (17 October 2013),
 - b. “*A Bike with a Trunk, Hidden Inside Its Wheel,*” Exist, Fast Company, www.fastcoexist.com, (7 November, 2013).
 - c. “*Transport commuter bike by David Hotard, Matthew Campbell, and Edwin Collier,*” Bicycle Design, www.bicycledesign.net (10 December, 2013)
2. Spoerke, J. (2012). “*Designed Obstacles,*” Student Notable, Core77 2012 Design Awards, Consumer Goods Category.

D. Presentations

D1. Conference Proceedings

1. * Rebola, C., Shankwiler, K. (2013) “*New Rules for Educating Future Designers: Industrial Design High School Outreach.*” 2013 IDSA International Conference, Education Symposium, Chicago, 21-24 August 2013.
2. * Shankwiler, K. and Rébola, C. (2012). “*Beyond User Centered Design Approaches: Co-creative Emergent Approach in the Industrial Design Discipline.*” 2012 IDSA International Conference, Education Symposium, Boston, 15-18 August 2012.
3. * Shankwiler, K., **Burlock, D., Rollins, D.**, Gentry, R. (2011), “*Digitally Inclusive Furniture: Bridging the assistive-universal gap through parametric design,*” IDSA International Education Symposium, New Orleans, Louisiana, August 2011. **Finalist for “Best Paper” Award.**
4. * Rébola, C. and Shankwiler, K. (2011). *OutReach Initiatives: Community Based Programs for Strengthening the Professional Participation in Design Education.* IDSA International Education Symposium, New Orleans, Louisiana, August 2011.
5. * Shankwiler, K., Gentry, R., (2011). “*Mass Customization: Teaching an effective approach for bridging the gap between assistive and universal design,*” IDA Congress Education Conference, Taipei, Taiwan, October 2011. (REJECTED)
6. * Shankwiler, K., **Landes, G.** (2010). “*DIY + EP in the Classroom: A novel approach to understanding design,*” IDSA International Education Symposium, Portland, Oregon, August 2010.

7. * Schaar, R., Shankwiler, K. (2008). *“Design Gateway: Pedagogical Discussion of a Second-Year Industrial Design Studio,”* National Conference on the Beginning Design Student, Atlanta, Georgia, March 13, 2008.

D2. Conference Presentations

1. * Shankwiler, K. (November 2011), *“Digitally Inclusive: Parametric Assistive-Universal Furniture,”* World Conference on Mass Customization, Co-creation and Personalization 2011, San Francisco, California.
2. Shankwiler, K. (August 2011), *“Promoting Graduate ID Education: Graduate research forum at the district conference,”* IDSA International Education Symposium, New Orleans, Louisiana
3. * Shankwiler, K. and Brohammer, K.(June 20, 2011). *Opportunities [for AlphaCAM] in Education: Georgia Tech College of Architecture.* Planit Solutions Global Resellers Conference, Peachtree City, Georgia.
4. * Shankwiler, K., “Applying Parametric Thinking to Plastics for Sustainable Products,” Presented at SPI’s The Business of Plastics Conference at the National Plastics Exposition, Chicago, IL, June 23, 2009.
5. * Shankwiler, K., Sullivan, M., “Beyond the Basics: SolidWorks Workshop for Students,” Presented at IDSA Southern District Conference, New Orleans, LA, April 2009.
6. * Shankwiler, K., “eOSB: Adding Value to a Commodity Product,” Presented at the Forest Products Society 62nd International Convention, St. Louis, MO, June 24, 2008.
7. * Shankwiler, K., “Machining Strategies of Abrasive Plastic Material,” Presented at IWF, Atlanta, GA, Summer 2008.
8. * Shankwiler, K., “3D Parametric Modeling Applications for Panel Products,” Presented at Panel World Expo, Atlanta, GA, February 7, 2008.

D2. Invited Presentations

1. * Shankwiler, K. *“The Future of Design is Individual,”* iXDA-Atlanta: The Future of Design, 27 March 2013.
2. * Shankwiler, K. (March 9, 2012). *Digitally Inclusive: New Frontiers in Furniture Design,* Museum of Design Atlanta, Atlanta, GA [Lecture and Demonstration]

E. Grants and Contracts

E1. As Principal Investigator

1. Title: AWPL-747 Console Phase II
 Role: PI
 Sponsor: AeroQuest, Inc.
 Amount requested: \$12,100 Date submitted: 02/26/2008
 Continuation of Phase I as described below, including ongoing refinement of machining protocol and tooling strategies through unit production.

2. Title: AWPL-747 Console Phase I
 Role: PI
 Sponsor: AeroQuest, Inc.
 Amount requested: \$6,220 Date submitted: 8/27/2007
 Amount funded: \$6,220 Project period: 8/27/2007 – 8/26/2008
 Created CNC machining protocol of beverage console component for aerospace application. Demonstrated the effectiveness of CNC processes in greatly reducing cycle times. In my role, I recommended component design modifications to further reduce cycle times, material wastage and material handling issues.

3. Title: MARTA Midtown Station Enhancement
 Role: PI and Studio Professor
 Collaborators: Smith Dalia Architects and Sylvatica Studio
 Sponsor: Midtown Alliance
 Amount requested: \$92,000 - \$155,000 Date Submitted: 11/05/13
 Status: PENDING
 This proposes the parametric design and prototyping of public seating installations at the North Avenue and Tenth Street MARTA rail stations. The aim is to create public seating installations accommodating people of various body types, ages and abilities. Range of user characteristics will be determined by observational research of the target MARTA stations. Fabrication of seating prototypes for client buy-in will take place at the College of Architecture's Digital Fabrication Lab.

E2. As Co-Principal Investigator

1. Title: Parametric Design and Development of Education Tool for Teaching Gas Law
 Role: co-PI
 Collaborator: Wendell Wilson (co-PI)
 Sponsor: Micromeritics Instrument Corporation
 Project Dates: May 2014-November 2014
 Amount Funded: \$56,896
 Sponsored research project with the aim to produce a pre-production design of an education tool for teaching gas law to high school science students.

2. Exhibit: The History of Wearable Computing | On-Body Devices from the Buxton / Starner Collection
 Role: Co-PI (with Clint Zeagler and Thad Starner)
 Sponsor: CHI 2014
 Project Dates: January 2014-April 2014
 Amount funded: \$5000 + GRA (GVU)
 Parametric design of exhibit to showcase the Buxton / Starner Collection of on-body devices at the 2014 CHI Conference. Intelligent modeling techniques and digital fabrication methods will

be used to create exhibit platforms that evolve to fit specific and varying characteristics of the items to be showcased.

E3. As Studio Faculty

1. Title: Enabling Early Ambulation in Managed-care Facilities
Role: Studio Professor
Sponsor: Aditazz Corporation
Project Dates: Spring 2014
Funded: \$8,000
Industry support to facilitate design of products and/or systems enabling early ambulation of patients in managed-care facilities. Grant supported design, material and prototyping costs.
2. Title: Commuting Bicycle Design Project
Role: Studio Professor
Sponsor: SRAM Corporation
Project Dates: Fall semesters, 2011 – 2013 (ongoing, recurring project)
Funded: SRAM donated bicycle components
(In-kind donation, approximate total value \$15,000)
Industry support to facilitate design of new commuter bicycle concepts. This enabled the students to experience and understand systems theory in design and component integration into full-scale models.
3. Title: Laboratory Tool Design Project
Role: Studio Professor
Sponsor: Micromeritics Instrument Corporation
Project Dates: Fall semesters, 2011 – 2013 (ongoing, recurring project)
Total amount funded: \$9,000 + Man-time (advisement, project background, critique)
Industry funding to explore concepts for next generation of laboratory equipment.
 - i. (2013) Cooling dewars and penetrometer storage and transport racks. 3 weeks.
 - ii. (2012) Heating Mantels and cooling dewars. 3 weeks.
 - iii. (2011) Material sample preparation device. 3 weeks.

E4. Proposals Submitted But Not Funded (last two years)

1. Title: Advanced Manufacturing symposium
PI: Kevin Shankwiler
Co-PIs: Tristan Al-Haddad, Russell Gentry, Andrew Dugenske (GTRI)
Sponsor: Italian Trade Commission
Amount requested: \$90,000 Date Submitted: 07/12/2012
Amount funded: \$40,000 Project Dates: October 2012 – February 2013
Status: CANCELLED
Leading the organization of a one-day symposium showcasing the latest developments in advanced manufacturing, studies, and collaboration between the United States and Italy. Although initially approved, the symposium planning was eventually cancelled due to shifting priorities of the sponsor and decreasing budget commitment from the sponsor.
2. Title: Re-conceptualizing Universal Design within a Mass Customization Paradigm

PIs: Kevin Shankwiler and Jon Sanford (CATEA)

Role: Co-PI

Sponsor: National Institute on Disability Rehabilitation and Research (NIDRR)

Amount requested: \$599,889 Date submitted: January 2013

Project dates: 2013-2016

Status: NOT FUNDED

Design, development and evaluation of parametrically-design furniture intended to bridge the gap between universal and assistive technologies. This project will build on the proof-of-concept work accomplished in the internally funded PAU project. As Co-PI, I will lead the digital implementation and prototyping phases of the project.

3. Title: Bedside Urine Management

PIs: Leanne West (GTRI) and Dr. Brent Wagner (GTRI)

Role: Collaborator

Sponsor: GT TRIBES

Amount requested: \$16,000 Date submitted: 4/20/2012

Status: NOT FUNDED

Coordinate user-centered industrial design phase of novel bedside urine management system, through ME/ID Senior Capstone studio.

F. Other Scholarly Accomplishments

No Data

G. Societal and Policy Impacts

No Data

V. Teaching

A. Courses Taught

Sem, Year Course No. Course Title
No. of Students

| Sem, Year | Course No. | Course Title | No. of Students |
|-------------|----------------|---|-----------------|
| Fall 2013 | ID3041 | Intermediate Design I: Innovation and Manufacturing track | 17 |
| Fall 2013 | ID8900 PPM | Special Problems: Parametric Product Modeling | 10 |
| Fall 2013 | ID4106 | Parametric Product Modeling | 10 |
| Spring 2013 | ID 6201-A | Graduate Studio II | 12 |
| Spring 2013 | ID 4202-A, MID | Professional Practices in Industrial Design | 44 |
| Spring 2013 | ID 8900 | Special Problems | 1 |

| | | | |
|-------------|------------------------|---|----|
| Fall 2012 | ID 3011-A | Intermediate Design I: Innovation and Manufacturing track | 11 |
| Fall 2012 | ID 3012-A | Intermediate Design II: Innovation and Manufacturing track | 1 |
| Fall 2012 | ID 4106-A | Parametric Product Modeling | 5 |
| Fall 2012 | ID 8900-PPM | Special Problems: Parametric Product Modeling | 9 |
| Fall 2012 | ID 4902-GHS | Special Problems: Mentor Program | 18 |
| Fall 2012 | ID 8900-GHS | Special Problems: Mentor Program | 9 |
| Spring 2012 | ID4012-ME ME4182-ID | Capstone Design | 12 |
| Spring 2012 | ID4202 A, MID | Professional Practices in Industrial Design | 50 |
| Spring 2012 | ID4902 | Special Problems: Directed Study | 1 |
| Spring 2012 | ID8900 | Special Problems: Directed Study | 1 |
| Fall 2011 | ID3011-C | Intermediate Design I: Innovation and Manufacturing track | 15 |
| Fall 2011 | ID4106 | Parametric Product Modeling | 5 |
| Fall 2011 | ID4902 | Special Problems: Grady High School OutReach | 7 |
| Fall 2011 | ID8900 | Special Problems: Parametric Product Modeling | 7 |
| Fall 2011 | ID8900 | Special Problems: Grady High School OutReach | 8 |
| Spring 2011 | ID 6201 | Graduate Studio II | 18 |
| Spring 2011 | ID 4823 | Advanced Parametric Modeling | 5 |
| Spring 2011 | ID 8900-APM | Special Problems: Advanced Parametric Modeling | 6 |
| Spring 2011 | ID 4202 | Professional Practices in Industrial Design | 37 |
| Spring 2011 | ID 8900-PP | Special Problems: Professional Practices in Industrial Design | 11 |
| Fall 2010 | ID 3011 | Intermediate Design I | 13 |
| Fall 2010 | ID 4418 | Industrial Design Sketching | 45 |

| | | | |
|-------------|-------------|---|----|
| Spring 2010 | ID 3012 | Intermediate Design II | 13 |
| Spring 2010 | ID 4202 | Professional Practices in Industrial Design | 49 |
| Spring 2010 | ID 8900-PP | Professional Practices in Industrial Design | 11 |
| Spring 2010 | ID 4823 | Special Problems: Advanced Parametric Modeling | 3 |
| Spring 2010 | ID 8900-APM | Special Problems: Advanced Parametric Modeling | 3 |
| Fall 2009 | ID 3011 | Intermediate Design I | 15 |
| Fall 2009 | ID 3813 | ID Visualization | 53 |
| Spring 2009 | ID 6201 | Graduate Studio II | 16 |
| Spring 2009 | ID 4803 | Special Problems: Advanced Parametric Modeling | 7 |
| Spring 2009 | ID 8900-APM | Special Problems: Advanced Parametric Modeling | 3 |
| Fall 2008 | ID 4011 | Advanced Design I | 8 |
| Fall 2008 | ID 3813 | Special Problems: Industrial Design Sketching and Modeling | 49 |
| Spring 2008 | ID 2012 | Introductory Design II | 22 |
| Spring 2008 | ID 4803-3DP | Special Problems: 3D Parametric Modeling for Furniture Design | 5 |
| Spring 2008 | ID 3803-REC | Special Problems: Materials and Products from Bamboo | 6 |
| Spring 2008 | ID 8833-REC | Special Problems: Materials and Products from Bamboo | 4 |

B. Individual Student Guidance

B1. Ph.D. Students

No Data

B2. M.S. Students (indicate thesis option for each student)

Principal Advisor, Masters Thesis

| Student | Completion | Thesis/Project/Paper Title | College/School |
|----------------|-------------|--|-------------------|
| Yao Sun | August 2014 | Smart Wardrobe—For The Person with Color Vision Deficiency | Industrial Design |
| Chenzhuo Zhu | August 2014 | Assessment of Mass Customization Design Approach as Compared to Universal Design: A case study on pen design | Industrial Design |
| Rob Smith | May 2009 | The Impact of Modular Design on Product Use and Maintenance | Industrial Design |
| Marisa Topping | August 2008 | Child Development and Furniture | Industrial Design |

Committee, Masters Thesis

| | | | |
|---------------------|-------------|--|-------------------|
| Sarah Eiring | May 2015 | Food Staging in a Culture with Multiple Refrigerators per Household | Industrial Design |
| Sarah Marie Maddoox | May 2014 | Gear for Women that Enjoy Task Mastery | Industrial Design |
| Srikanth Jalasutram | May 2010 | Design of an Intelligent Posture Guidance System for Workplace Seating | Industrial Design |
| Gourab Kar | May 2010 | WorkSpheres: Universally-designed behind-the-counter work spaces | Industrial Design |
| Jenna Schmidt | May 2009 | Development and Evaluation of Ecological Design Tool | Industrial Design |
| Chris Chang | May 2009 | Novel Applications of Southern Yellow Pine | Industrial Design |
| Ga-Bin Park | August 2008 | A System That Implements Healthy Eating Habits in Preschoolers | Industrial Design |

Principal Advisor, Masters Project

| | | | |
|--------------|-------------|--|-------------------|
| Yida Gong | August 2014 | Using Music to Improve Children's Interest in Drawing | Industrial Design |
| Amir Moghadd | August 2014 | Designing a Multimodal Urban Travel-Friendly Bicycle That Can be Used Interchangeably on | Industrial Design |

| | | | |
|------------------|-------------|--|-------------------|
| am | | Both Street and Sidewalk | |
| Stephen Audy | May 2013 | Design a System to Empower Consumers to Become More Involved in End-of-Life Commodity-Grade Appliances | Industrial Design |
| Allison Hwang | May 2012 | Bicycle Commuting: Increasing Female Ridership in Atlanta using V2V Technology | Industrial Design |
| Andrew Baranak | May 2012 | Designing Backpacking Tents and Accessories Through the Lens of Wilderness Medicine | Industrial Design |
| Kyohei Yoshioka | August 2012 | Encouraging Access to Healthy Eating Via Urban Gardening | Industrial Design |
| Jonathan Spoerke | May 2011 | Designed Obstacles: Design and development of dedicated parkour training apparatuses for use within controlled gym environments. | Industrial Design |
| Karen MacKay | May 2010 | Urban Vertical Farming | Industrial Design |
| Jake Tompkins | May 2010 | User Co-design | Industrial Design |

Secondary Advisor, Masters Project

| | | | |
|----------------|----------|---|-------------------|
| Donald Burlock | May 2012 | Digital Craft Design: Interface Design for Mass Customization of Furniture Production | Industrial Design |
|----------------|----------|---|-------------------|

B3. Undergraduate Students

| | | | | |
|-------------------|-------------|-------------|---|-------------------|
| Independent Study | Leslie Bush | Spring 2012 | Parametric Chair Design | Industrial Design |
| Independent Study | Anna Frey | Spring 2011 | Investigation of effective design presentation techniques | Industrial Design |

B4. Service on Thesis or Dissertation Committees

No Data

B5. Mentorship of Postdoctoral Fellows or Visiting Scholars

No Data

C. Other Teaching Activities

C1. Curriculum Development

| Semester | Course | Title | Credit hours | Type |
|-------------|---------|---|--------------|----------|
| Spring 2011 | ID 4106 | Parametric Product Modeling. This course focuses on advanced digital methods in product modeling for visual analysis, flexible design approaches and digital fabrication methods. Previously taught for four semesters as Special Problems elective. | 3 | Elective |
| Fall 2007 | ID 2012 | Introductory Design II. Sophomore industrial design studio. Emphasis placed on correlation of form to industrial design fundamentals: materials, body-fit, function and sustainable design. Coursework serves to reconcile image with product form. Developed with Raja Schaar and Prof. Abir Mullick. | 4 | Required |

C2. Interdisciplinary Teaching

| Semester | Course | Title | Credit hours | Students enrolled | Type |
|-------------|--|--|--------------|-------------------|----------|
| Spring 2014 | ID 8900-IME/ ARCH 4803-TA1/ ARCH 8803-TA1/ MUSI 8903-JF | Interactive Music Environments. Industrial Design, Architecture, HCI and Music Technology Students. Co-taught with Jim Budd (ID), Tristan Al-Haddad (ARCH), Dr. Jason Freeman (MUSI) and Dr. Timothy Hsu (MUSI) | 3 | 23 | Elective |
| Spring 2012 | ID4102-ME/ ME4182-ID | Senior Capstone Design Studio. Industrial Design and Mechanical Engineering students. Co-taught with Dr. Jonathan Colton (ME) | 4 | 27 | Required |

VI. Service

A. Professional Contributions

| Description | Organization | Dates |
|----------------------------------|--|--------------|
| Southern District Representative | Education Council - Industrial Designers Society of America (IDSA) | 2010-Present |

| | | |
|-------------------------|---|------------------------|
| Vice-Chair Chair | Atlanta Chapter - IDSA | 2012-2013 2010-2011 |
| Organizing Committee | IDSA Southern Design Dialogue, Raleigh, NC (conference) Responsible for: -Student Chapter Officer Orientation Program -Student Merit Award competition -Graduate Research Forum | April 2013 |
| Organizing Committee | IDSA Southern Design Dialogue, Atlanta, GA (conference) Responsible for: -Student Chapter Officer Orientation Program -Student Merit Award competition -Graduate Research Forum -“Transitions” Panel Discussion (moderator and organizer) -Closing reception | April 2012 |
| Organizing Committee | IDSA Southern Design Dialogue, Austin, TX (conference) Responsible for: -Student Chapter Officer Orientation Program -Student Merit Award competition -Graduate Research Forum -“Transitions” Panel Discussion (organizer) | April 2011 |
| Organizing Committee | Atlanta Design Coalition Industrial Design Representative, Atlanta Design Week | 2010-2011 |

B. Public and Community Service

1. Rebola, C., Livaudais, C., Shankwiler, K., Kendall, P. (September-October 2013). *Atlanta Design Outreach 4*, IDSA-Atlanta organized 3-week outreach program with Grady and Frederick Douglass High Schools. Bringing together high school students, college students (ID) and area ID professionals.
2. Shankwiler, K. (April 20, 2013). *The Great Chair Hack*. Atlanta Dogwood Festival. [Organizer]. Design and build charette collaboration between IDSA-Atlanta and the Museum of Design Atlanta. 10 teams of up to 4 people given three hours to fabricate an IKEA chair into something else. Competition took place as part of the Atlanta Dogwood Festival.
3. Rebola, C., Shankwiler, K., Livaudais, C., Kendall, P. (September-October 2012). *3nlight: Outreach 2012*, IDSA-Atlanta organized 3-week outreach program with Grady and Frederick Douglass High Schools. Bringing together high school students, college students (ID) and area ID professionals. Sponsored by The Home Depot

4. Shankwiler, K. (April 14, 2012). *IKEA Chair Hack*. Museum of Design Atlanta. [Organizer]. Design charette with 8 teams of up to 4 people given three hours to fabricate an IKEA chair into something else.
5. Rebola, C., Shankwiler, K., Livaudais, C., Kendall, P. (September-October 2011). *IDSAs OutReach 2: Refresh, Recycle, Redesign*, IDSA-Atlanta organized 2-1/2 week outreach program with Grady High School. Bringing together high school students, college students (ID) and area ID professionals. Sponsored by the Coca-Cola Company.
6. Shankwiler, K. Rebola, C. Livaudais, C., Kendall, P. (September-October 2010). *IDSAs Outreach 2010*: IDSA-Atlanta organized 2 week outreach program with Grady High School. Bringing together high school students, college students (ID) and area ID professionals. Team results presented at Atlanta Design Week.

C. Institute Contributions

C1. Institute

| | | Dates |
|-------------------|---------------------------------|---------------------|
| Faculty Associate | Grand Challenges @ Georgia Tech | Fall 2012 - Present |

C2. College

| | | Dates |
|--|---|----------------|
| Committee Chair | Dean's Advisory Committee, College of Architecture | 2013 – Present |
| Committee Member | | 2009 – Present |
| Chair, subcommittee on proxy voting issues | | 2012 |
| Committee Member | Research, Scholarship and Awards Committee, College of Architecture | 2008 - 2013 |

C3. Program

| | | Dates |
|-----------------|---|----------------|
| Faculty Advisor | Georgia Tech Student Chapter of IDSA | 2007 - Present |
| Event Organizer | Annual IDSA Student Merit Award competition | 2008 - Present |
| Director | Design for One lab, part of the School of Industrial Design housed at the College of Architecture Digital Fabrication Lab (DFL), with the purpose of investigating and applying parametric modeling techniques, mass customization and digital fabrication technologies in the industrial design process. | 2010 - Present |

| | | |
|------------------------------------|---|----------------|
| Admissions Committee | Graduate admissions to the School of Industrial Design program at the College of Architecture | 2012 - Present |
| ID Faculty Search Committee Member | Lead by Sabir Khan, Georgia Institute of Technology | 2013-2014 |
| ID Faculty Search Committee Member | Lead by Russell Gentry, Georgia Institute of Technology | 2011 - 2012 |
| Event Co-Organizer | Annual Georgia Tech School of Industrial Design End of Year Show | 2008 - 2012 |
| Designer/Fabricator | Designed and fabricated display panels for the School of Industrial Design End of Year Show. | May 2013 |
| Designer/Fabricator | Detail design and fabrication museum display pedestals for College of Architecture and School of Industrial Design. | January 2013 |
| Designer/Fabricator | Designed and fabricated display cubes for use with NASAD accreditation display, project juries and exhibitions for the School of Industrial Design. | February 2012 |
| Designer/Fabricator | Detail design, parameterization and fabrication of InstaKiva for School of Industrial Design. | October 2011 |
| Designer/Fabricator | Design and fabrication of display panels for Stubbins Gallery in GT College of Architecture | Spring 2012 |