

**Annual Report 2011-2012**  
**School of Architecture + Design**  
**Virginia Tech**



1 July 2012

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## Discovery | Research

### Professional Awards and Honors

The **Virginia Tech LumenHAUS** was selected by the American Institute of Architects (AIA) as one of nine recipients of the 2012 **AIA Institute Honor Awards for Architecture**. To our knowledge, this is the first time a university team has been given this national honor. The LumenHAUS team, led by A+D faculty members **Robert Dunay**, FAIA, **Joe Wheeler**, AIA, **Robert Schubert**, and **Chip Clark**, add this award to a long list of accolades, including winning first place in the Solar Decathlon Europe competition in the summer of 2010.

The **LumenHAUS Team** also received an **Honor Award** from the **Virginia Society of the American Institute of Architects** in Richmond, VA, Nov. 2011.

**design/buildLAB**, a 17-member team of third-year architecture students led by faculty members **Keith** and **Marie Zawistowski**, won a **Merit Award** from the **Virginia Society of the American Institute of Architects** for the design and construction of the new Farmers Market in Covington, Va.

Prof. **Laurel McSherry** has been named one of five **Research Award** winners in the 2011-12 **William Turnbull Competition**, sponsored by the California Architectural Foundation. The five projects submitted for the competition, dealing with "Drylands Design," have been awarded research grants of \$10,000 each from the Arid Lands Institute (ALI) at Woodbury University.

"**Designing Empowerment**," led by Prof. **Akshay Sharma**, developed several projects that received international recognition: "**IMMUNE**," a cell phone based vaccination solution, was named the winner of the 2012 **Design for All Foundation Award**; "**laXmi**," a financial literacy system for illiterate women, was named a finalist in the 2012 **World Design Impact Prize**, sponsored by ICSID; both projects were recently selected as Bronze Award winners in the prestigious **International Design Excellence Awards** (IDEA) program from the Industrial Designers Society of America (IDSA).

### Design Competitions

**Clark, Chip** and **Tim Frank**. First Prize. *A Tensegrity Aviary*. Modern Atlanta **10UP International Competition**, Young Architects Forum, Atlanta AIA, Atlanta Beltline Inc.

**Bork, Dean, David McGill, David Sample, Jordan Thomas, Joowon Im, Trent Mathais,** and **Julia Kim**. Finalist, 2012 **Virginia Low Impact Development Competition** sponsored by the National Fish and Wildlife Foundation.

**Holt, Jaan**. "City Lights." Finalist. Washington, DC **Unbuilt Architecture competition**.

**Zellner-Bassett, Paola**. **1st Place** Winner of the **Charles Steger Design Competition** for the design of "Time Stands Still," an art/technology/innovation piece designed in collaboration with Professor Tom Martin, for the New Virginia Tech Research Center, in Arlington, VA.

### University, College, and School Awards for Research, Scholarship, and Creative Achievement

Industrial Design Profs. **Ron Kemnitzer** and **Ed Dorsa** were part of an interdisciplinary team that received the University's 2012 **XCaliber Award** for excellence as a group

involved with technology-assisted teaching. Kemnitzer and Dorsa, along with Eloise Coupey, associate professor of marketing, Pamplin College of Business, Thomas Martin, associate professor of electrical and computer engineering, College of Engineering, and Lisa McNair, associate professor of engineering education, College of Engineering, received a grant from the National Science Foundation to establish the Interdisciplinary Product Development Studio, a team-based experience in pervasive computing, where smart devices blend seamlessly, both physically and cognitively, with the user's environment.

**Ron Kemnitzer** received the 2012 College of Architecture & Urban Studies **Career Achievement Award**.

The College of Architecture and Urban Studies **Creative Achievement Award** went to **Akshay Sharma**.

The School of Architecture + Design **Excellence in Scholarship Award** went to **Mehdi Setareh**.

**Helene Renard** received the 2012 School of Architecture + Design **Creative Achievement Award**.

**Terry Clements, Mintai Kim, and Akshay Sharma** received **Faculty Research Grants** from the School of Architecture + Design in Fall 2011.

**Hilary Bryon, Elizabeth Grant, and Frank Weiner** received **Faculty Research Grants** from the School of Architecture + Design in Spring 2012.

### **Sponsored Research**

In 2011-12, faculty members from the School of Architecture + Design authored grant proposals totaling \$2,386,926 and were awarded \$117,075 in new sponsored research funding. School of Architecture + Design faculty members were involved in the following sponsored research projects over the past year:

#### New Projects:

**Kelsch, Paul.** "Cultural Landscape Inventory National Capital Region - Multiple Sites," National Park Service, \$69,425.00, 8/10/11 – 7/31/13.

**Kim, Mintai, Brian Katen, and Patrick Miller.** "Historic Resource Study for Proposed National Historic Landmark (NHL) Nomination Revision Cedar Creek and Belle Grove National Historical Park," National Park Service, \$32,000.00, 9/26/11 – 8/30/12.

Ellis, Mike, **Joe Wheeler, Robert Dunay and Larry Fenske.** "Development of a Self-Sustainable Living Module for Small Expeditionary Forces (SLiM)" – Phase 1, U.S. Army, \$199,389, 08/01/12 - 04/30/13 (Phase 2: \$2,000,000 pending approval of Phase 1).

**Ermann, Michael.** Architectural Research Centers Consortium (ARCC) Incentive Fund, \$2,400. Awarded to disseminate findings linking school HVAC system selection to elementary school student achievement, March 2012.

**Ermann, Michael.** Schultz Grant/Newman Fund/Acoustical Society of America (ASA), \$3,500. Awarded to create an animation illustrating principles of room acoustics, March 2012.

**Frank, Tim.** Solar Access Installation, Atlanta BeltLine Inc., \$2000

**Frank, Tim.** BeltLine Aviary, AIA Atlanta, \$6000

**Frank, Tim.** Adaptive Skin Prototyping, 3Form, \$1000

**Ishida, Aki.** Japan Foundation Center for Global Partnership Education Grant for design and installation of outdoor screen for the 2012 AIA Blue Ridge Award Ceremony, \$2,000.

**Sharma, Akshay** and A. Johri. Supplemental grant for supporting undergraduate research in the Industrial Design program. National Science Foundation. \$16,000.00. Fall 2011 – Spring 2012.

**Weiner, Frank,** with Profs. Koichiro Aitani and Hoshiko Hori, Kyushu University, Japan, to develop exchange program between Kyushu and VT, approx. \$75,000.

**Wheeler, Joseph, Robert Dunay, and Andrew Ballster** (Center for Design Research). Research Collaborative w/ Skidmore Owings and Merrill (SOM) Chicago to explore scale-able housing solutions in a pursuit of a house concept for VT's entry into the 2015 Future Home Expo. Research work was compiled in the booklet entitled *Industrial Fabrication, Energy, and the Urban Dwelling*. \$32,500. Initial Phase: Summer 2011; Part 2: Summer 2012.

Continuing Projects:

McNair, Lisa, Tom Martin, **Ed Dorsa, Ron Kemnitzer,** and Eloise Coupey. "Building New Engineering Education Theory and Practice for Interdisciplinary Pervasive Computing Design," National Science Foundation, \$398,180, 9/1/09 - 8/31/13.

**Jones, Jim.** "A Framework for Investment Risk and Uncertainty Valuation," TARF, \$5,000.00, 9/1/10 – 7/31/12.

**Jones, Jim and Elizabeth Grant.** Center for High Performance Environments (CHPLE) Partnership Program, \$42,850.00.

**Katen, Brian, Mintai Kim, and Patrick Miller.** "Cultural Landscape Analysis Hite-Whitman Farm, Cedar Creek and Belle Grove National Historical Park," National Park Service, \$69,925.00, 10/1/10 – 3/30/12.

**Miller, Patrick.** "The Urban Land Institute/McNamara Internship Program," The Urban Land Institute Foundation, \$14,977.00.

**Setareh, Mehdi,** Nicholas Polys, Brett Jones, and **Michael Ermann.** "Integrating web-based visualization with structural system understanding to improve the technical education of architects," National Science Foundation, \$499,833.00, 8/15/08 – 8/31/13.

**Tucker, Lisa.** "Lesley Wheel Introductory Lighting Grant," Nuckolls Lighting Fund, \$20,000.00, 6/1/08 – 11/30/12.

Cennamo, Katherine, **Mitzi Vernon,** Carol Beth Brandt, and **Margarita McGrath.** "Investigating and refining the studio experience as a method for teaching human computer interaction," National Science Foundation, \$494,818.00, 8/1/07 – 7/31/12.

Other Design Research:

**Setareh, Mehdi.** Dynamic Testing and Evaluation of the Monumental Stairs of the Eli and Edyth Broad Art Museum (Architect: Zaha Hadid), East Lansing, Michigan.

**Setareh, Mehdi.** Phase Two of Vibration Testing and Analysis of Virginia Tech campus buildings: Infectious Disease Research Facility, Visitors and Undergraduate Admissions Center, and Academic and Student Affairs Building.

**Kemnitzer, Ron.** Researched and compiled a study of visual trends research in the United States, and produced an illustrated, annotated report and audio/visual presentation for subscribers of the report, including: Sony/Japan, Pioneer Electronics, NEC Design, JVC Japan, Panasonic, Mitsubishi Electric, and Moen, Inc.

## Faculty and PhD Student Publications

### Books

**Gänshirt, Christian.** *Werkzeuge für Ideen. Einführung ins architektonische Entwerfen*, second, updated edition. Basel, Birkhäuser, 2011, 256 pp. ISBN-10: 3034607040, ISBN-13: 978-3034607049

**Gänshirt, Christian.** Chinese translation of *Tools for Ideas. An Introduction to Architectural Design*, foreword by Prof. Dr. Guixiang Wang, Tsinghua University, Beijing. China Architecture and Building Press, Beijing, 248 pp. ISBN-13: 978-7-112-12565-4

**Sharma, Akshay** and Aditya Johri. *Engineered Sociomateriality: Designing for Global Development*, Morgan Claypool Publishers (Under Contract).

Baker, A.M. and **L.M. Tucker.** 2012. *Cradle to Cradle Home Design: Process and Experience*. New York: Fairchild Books (nominated for 2012 Polsky Prize).

### Books Edited

**Breitschmid, Markus** and Leina Gonzales, editors. *Olgiate. A Lecture By Valerio Olgiate*. Basel : Birkhäuser 2011 [ISBN: 978-3-0346-0783-4] The booklet has also been published in German, French, Italian, Spanish and Japanese editions by Birkhäuser.

**Dayer, Carolina** (PhD student, WAAC). Collaborative editor and Spanish translator of Alberto Pérez-Gómez's book *El Sueño de Polyfilo (The Dark Forest)* (Forthcoming 2012).

**Emmons, Paul**, John Hendrix, and Jane Lomholt, editors, *The Cultural Role of Architecture: Contemporary and Historical Perspectives* (Routledge, 2012).

**Feuerstein, Marcia**, ed. *Architecture as a Performing Art*. London: Ashgate Press (in press)

### Book Chapters

**Albright, Kathryn.** "Are You Riding the Donkey Or Is It Riding You?" *Pedagogy in Practice*, Center for Instructional Development and Educational Research, Virginia Tech, vol. 2, Spring 2012, pp. 3-4.

**Breitschmid, Markus.** "The Architect as 'the Molder of the Sensibilities of the General Public'. Bruno Taut and the *Architekturprogramm*" in: *The Art of Social Critique. Painting Mirrors of Social Life*. Shawn Chandler Bingham (ed.) Lanham: Lexington Books of Rowman & Littlefield, 2012, pp. 155-179. [ISBN: 978-0-7391-4923-2]

**Breitschmid, Markus.** "El Repertorio Conceptual de Valerio Olgiati – Valerio Olgiati's Ideational Inventory" in: *Valerio Olgiati 1996-2011. Afinados Discordancias – Harmonized Discodances*. Madrid: *El Croquis Editorial*. Enrique Marquez (ed.) Madrid: 2011, pp. 6 – 29.

**Bryon, Hilary.** "The worm's eye as a measure of man: Choisy's development of axonometry in architectural representation" in *Scale: Imagination, Perception, and Practice in Architecture*, Chapter 4, edited by Gerald Adler, Timothy Brittain-Catlin & Gordana Fontana-Giusti. London: Taylor & Francis / Routledge, 2012.

**Clements, Terry.** 2012. "Where are the Women in Landscape Architecture," in *Women in Landscape Architecture: essays on history and practice*, edited by L. A. Mozingo and L. Jewell. Jefferson, NC: McFarland & Company, Inc.

**Dunay, Robert, Joseph Wheeler, and Robert Schubert.** "LumenHaus and the Eclipsis Sun Control System" in *Design and Construction of High Performance Homes: Building Envelopes, Renewable Energies and Integrated Practice.* Trubiano, Franca, ed., Oxford: Routledge Press, forthcoming Sept. 2012.

**Dunay, Robert, Joseph Wheeler, Robert Schubert, and David "Chip" Clark.** "LumenHAUS: The Lights are On," in *Nano House*. Phyllis Richardson, editor. London: Thames and Hudson Ltd, Oct. 2011.

**Emmons, Paul and Andreea Mihalache** (PhD Student). "Toward a History of the User" in *Use Matters: An Alternative History of Architecture*, Kenny Cupers, ed., (London: Routledge, forthcoming 2013).

**Emmons, Paul.** "Odiferous Conceptions of the City", edited by Amy Culper and Diana Perriton (publisher forthcoming, 2013).

**Emmons, Paul.** "Immured: Silence and Solidity in the Uncanny Section" in *Back in the Box: Diastolic Architecture of Decline, Dystopia and Death*, Donald Kunze and David Bertolini, eds. (London: Ashgate, forthcoming 2013).

**Emmons, Paul and Carolina Dayer** (PhD Student), "Toward Performative Drawing: Paul Klee's Enacted Lines" in *Architecture as Performing Art*, Marcia Feuerstein and Gray Read, eds. (London: Ashgate, forthcoming 2012).

**Emmons, Paul.** "Drawing and Representation: The Uncertain future of Craft; from tools to systems" in *Architecture School: Three Centuries of Educating Architects in North America*, Joan Ockman, editor, with Rebecca Williamson (Cambridge: MIT Press, 2012) pp. 299-305.

**Emmons, Paul and Jonathan Foote** (PhD Student), "Making plans: Alberti's Ichnography as Cultural Artefact" in *Reading Architecture and Culture, Researching Buildings, Spaces and Documents*, Adam Sharr, editor (London: Routledge, 2012) pp. 197-210.

**Emmons, Paul.** "The Play of Plans: Le Corbusier's serious game of dominoes" in *The Cultural Role of Architecture* (London: Routledge, 2012) pp. 132-140.

**Feuerstein, Marcia.** "Theatrical Doubles: The Affecting Presence of Oskar Schlemmer's Wall Designs," in *Architecture as a Performing Art*. London: Ashgate Press (in press)

**Foote, Jonathan** (PhD student, WAAC). "Ethos Logos Pathos: Architects and their Chairs" in *Scale: Perception, Imagination and Practice in Architecture* Gerald Adler, Timothy Brittain-Catlin & Gordana Fontana-Giusti, eds. (London: Routledge, 2011).

**Gänshirt, Christian.** "Reality Check: Träumen, Entwerfen und Bauen," foreword in: Andreas Oevermann. *1 zu 1 Bauworkshops*, Oldenburg: Isensee, 2011, pp. 6-12.

**Johnson, Mary Vaughan** (PhD student, WAAC). "The Matter of *Pochoir* and the Imaging of the *Maison de Verre*" in *Manufacturing the Bespoke – The Making and Prototyping of Architecture, AD Reader*, (New York: Wiley and Sons, March, 2012).

**Katen, Brian.** "Parks Apart: African American Recreational Landscapes in Virginia," in, *Public Nature: Scenery, History and Park Design*, (forthcoming), edited by Ethan Carr, Shaun Eyring, and Richard Guy Wilson. The University Press of Virginia.

**Kelsch, Paul** and Joseph Schilling, "Integrating disciplines, practices and perspectives in the Commonwealth Avenue Project", in *Service-Learning in Design and Planning: Educating At The Boundaries*, Tom Angotti, Cheryl Doble and Paula Horrigan, eds., Oakland, CA: New Village Press, December 2011.

Wang, Yuncai, **Brian Katen** and **Patrick Miller.** "A case Study of Qiandeng-Zhangpu Region in Jiangsu Province," in *ACTA Geographica Sinica*, Vol. 66, No. 4, 2011.

**McGrath, M.** "Fishing for Ghosts," in *Feminist Practices: Interdisciplinary Approaches to Women in Architecture*. Brown, Lori A. Ed. (Surrey, England: Ashgate, December 2011), p. 213-236.

**Mihalache, Andreea** (PhD student, WAAC). "Re-Inventing the Center: Urban Memory, Political Travel and the Palace of the Parliament in Bucharest, Romania," in Arijit Sen and Jennifer Johung (eds.), *Landscapes of Mobility: Culture, Politics and Placemaking* (Ashgate, London, Forthcoming 2012).

**Sullivan, Ellen** (PhD student, WAAC). "Drawing Blood: The Sectional Diagrams of Patrick Geddes" in *The Architecture of Utopia*, Nathaniel Coleman, ed., *Rahaline Utopian Studies*, vol. 8 (Oxford: Peter Lang Academic Publishers, 2011) pp. 165-182.

**Tucker, L.M.,** 2012. "Living our World" in Poldma, Tiiu (ed.) *Meanings of Design-Spaces*. New York: Fairchild Books.

**Tucker, L.M.,** 2012. "Understanding Space through Historic and Philosophical Perspectives" in Poldma, Tiiu (ed.) *Meanings of Design-Spaces*. New York: Fairchild Books.

**Weiner, Frank.** "Program as Horizon," pp 246-267 in *E2A: Architecture*. Ostfildern, Germany: Hatje Cantz Verlag, 2012.

**Weiner, Frank.** "*Dialectic of the Humanism and Animality of Depth*" in *An Insatiable Dialectic: Essays on Critique, Modernity, and Humanism*. Cantu, R., Ed. Cambridge Scholars Publishing, forthcoming December 2012.

**Zellner-Bassett, Paola.** "Narrative Space: The Book of Lies." Chapter 18 (p. 203 - 212) in *Museum Making: Narratives, Architectures, Exhibitions*, Ed. Suzanne Macleod, Laura Hourston Hanks and Jonathan Hale. Abingdon: Routledge, 2012.

## Magazine Articles

**Dunay, R., J. Wheeler, R. Schubert, and C. Clark.** "LumenHAUS," *A+U (Architecture + Urbanism)*, Tokyo, April 2012.

**Gänshirt, Christian.** "Architekturkritik und das Elend der Welt. Das Parkhaus 1111 Lincoln Road in Miami Beach von Herzog & de Meuron," in *Archithese* Nr. 4.2011 Architekturkritik – Criticism / 40 Jahre archithese, pp. 52-57.



**Kalantar, Negar** (PhD student), Kihong Ku and **Jonathan Grinham** (Masters student). (2011). "a2o: Responsive Mediator," *2A Magazine*, quarterly issue # 15, Fall 2011.

**Kalantar, Negar** (PhD student) and **Alireza Borhani** (Masters student). (2011). "Beyond Transparency," *2A Magazine*, quarterly issue # 15, Fall 2011.

#### **Research Papers in Refereed Journals**

**Clements, Terry L.**, and Sarah J. Dorminey. 2011. Spectrum Matrix: landscape design and landscape experience. *Landscape Journal* 30 (2):241-260.

Wiseman, P.E., J. Hoffman, S.D. Day, and **T. Clements**. 2011. A syllabus-level review of arboriculture education in the United States. *Arboriculture & Urban Forestry* 37(2): 51-59.

Martin, Tom, Kahyun Kim, Jason Forsyth, Lisa McNair, Eloise Coupey, and **Ed Dorsa**, "Discipline-based instruction to promote interdisciplinary design of wearable and pervasive computing products," *Personal and Ubiquitous Computing*, December 2011.

**Dunay, R.** "LumenHAUS: A Net-Zero Energy, Sustainable Dwelling." *Inter-Change*, Design and Planning Education, Kyushu University, Fukuoka, Japan, p. 42-49, May 2011.

**Dunay R., J. Wheeler, R. Schubert, D. Clark, and J. Grinham** (Masters student). "LumenHAUS and the Eclipsis System: Historical Concept and Modern Technology," *Journal of Asian Urbanism*, No. 5, JAU Office, University of Tokyo, Japan, p. 34-37, Sept. 2011.

**Foote, Jonathan** (PhD student, WAAC). "Design\_Build : Build\_Design" *Journal of Architectural Education* (Forthcoming May 2012).

**Foote, Jonathan** (PhD student, WAAC). "Proximate distance: Tactile musings on digital production" in *Horizonte: Zeitschrift für Architekturdiskurs*, No. 4 [Building Matters] (2011).

**Grant, E.**, and **Jones, J.**, Fall 2011, "Counteracting High Winds with Low Pressure: Development and Testing of a New Roof Vent System", *Journal of Green Building*, Vol. 6, No. 4, pp. 65-76.

**Grant, E.**, and **Cortes, M.**, March 2, 2012, "Broadening the Pallet", *Revista AUS 10*, No. 12, pp. 8-13.

**Kelsch, Paul**, "Cultivating Modernity, History and Nature: The planting design for the Mount Vernon Memorial Highway", *Studies in the History of Gardens and Designed Landscapes*, in press.

Detweiler, M.B., T. Sharma, S. Lane, **Mintai Kim, B. Johnson**, and K. Kim. "The Case for Using Restorative Natural Environments in Veterans' Rehabilitation Programs." *Federal Practitioner*. 2010.

**Koliji, Hooman** (PhD student). "Revisiting the Squinch: Squaring the Circle, From Tectonic Geometry to Philosophy of Imagination", *Nexus Nextwork Journal of Mathematics and Architecture* (2012).

**Mihalache, Andreea** (PhD student, WAAC). "The Peripheral Construction of National Identity: Architectural Travelogues of Bucharest and Washington in *Life* and *Simetria* Magazines," *National Identities* journal (London: Taylor & Francis Group, forthcoming 2012).

**Setareh, M.** "Evaluation and Assessment of Vibrations Owing to Human Activity", *Structures and Buildings*, Vol. 165, No. SB5, pp. 219-231, 2012.

**Setareh, M.** "Vibrations Due to Walking in A Long-Cantilevered Office Building Structure", *Journal of performance of Constructed Facilities*, American Society of Civil Engineers, in press.

**Setareh, M.**, Bacim, F., Jones, B. D., Polys, N. F., Geng, T., and Orsa, B. "Integrating Web-Based Visualization with Structural System Understanding to Improve the Technical Education of Architects", *Computers in Education Journal*, accepted.

**Sharma, Akshay.** "Designing Empowerment", *Innovation, Overcoming Barriers*, winter 2011.

**Tucker, L.M.**, 2012. "The Architects' Small House Service Bureau: Model and Methods for Sustainable Single-Family Housing in the United States," *Journal of Interior Design*, Vol 37, Issue 1, pages 1-15.

### Papers in Refereed Conference Proceedings

**Ali, Ahmed** (PhD student) and **Jim Jones.** "Between Design Process and Process Design: lessons learned from process engineering", *The International Journal of Environmental, Cultural, Economic and Social Sustainability, British Columbia, Canada, Conference proceeding*, coming fall 2012.

**Ali, Ahmed** (PhD student). "Re-Defining the Architectural Design Process through Building a Decision-Support Framework for Design with Reuse", Conference proceeding, *Decon'11*, Yale University, New Haven, CT, May 2011.

**Bozorgi, A.** (PhD student). "Integrating Value and Uncertainty in the Sustainable Options Analysis in Real Estate Investment" the Architecture Research Centers Consortium, 2011 Conference. Detroit MI, April 20 – 24.

**Bozorgi, A.** (PhD student) and **Jim Jones.** "A Framework for Linking Projected Energy Performance Uncertainty with Investment Decision-making," 2010 American Council for an Energy Efficiency Economy (ACEEE) Building Summer Study, Pacific Grove, California, August 15-20, 2010.

**Bozorgi, A.** (PhD student) and **Jim Jones.** "What Else Do Design Professionals Need to Know About Sustainable Building Investment? A New Assessment Approach," The Second International Conference on Sustainable Architecture and Urban Development, Amman, Jordan, July 12-14, 2010.

**Bryon, Hilary,** "Drawing Architectural Theory: Building a Position through Graphic Constructions," ARCHTHEO2011: International Theory of Architecture Symposium, Fine Arts University of Mimar Sinan, Istanbul, Turkey, November 23-26, 2011.

Martin, Tom, Eloise Coupey, Lisa McNair, **Ed Dorsa**, Jason Forsyth, Sophie Kim, and **Ron Kemnitzer**, "An interdisciplinary design course for pervasive computing," *IEEE Pervasive Computing*, January-March 2012, vol. 11, no. 1, pp. 80-83.

Martin, Thomas, Kahyun Kim, Jason Forsyth, Lisa McNair, Eloise Coupey, and **Ed Dorsa.** "An interdisciplinary undergraduate design course for wearable and pervasive computing products," *Proceedings of the 15th International Symposium on Wearable Computers*, June 2011, pp. 61-68. (Nominated for best paper)

**Emmons, Paul.** "Immured: The Uncanny Solidity of Section" *Where do you Stand, ACSA 99th Annual Meeting in Montreal, Canada*, edited by Alberto Pérez-Gómez, Anne Cormier and Annie Pedret (Washington DC: ACSA, 2011) pp. 172-178.

**Frank, Tim.** (2012) "Techniques toward an Eccentric Architecture." *Proceedings of the 28th NCBDS National Conference*.

**Gänshirt, Christian.** "Praktisches Entwerfen. Für eine neue Entwurfslehre," in: Katja-Annika Pahl (Hg.). *Echt?! Zum Bezug von Praxis und Lehre in der Architekturausbildung*. Bremen, 2011. Organizer: Bremen School of Architecture, Bremen, Germany, April 14, 2011.

**Gänshirt, Christian.** "Photography as a Tool for architectural Design – Recent Observations," in: *On the Surface. Public Space and Architectural Images in Debate*, Porto: FAUP. Organizer: Faculdade da Arquitectura da Universidade do Porto (FAUP), Porto, Portugal, May 12, 2010.

**Gowda, V.** (PhD student) and **J. Jones.** "Performance Assessment of Alternative Composite Earth Wall Panels." SB11 World Sustainable Building Conference, Helsinki Finland.

**Huling, Lindy.** "Sustainable Building Initiative," IE International Conference, IDEAS, London, UK, March 30, 2012.

**Kelsch, Paul,** "Modernity, History and Nature: Cultural Succession in the Vegetation of the George Washington Memorial Parkway", Council of Educators in Landscape Architecture, National Conference, Los Angeles, March 2011.

Colombo, Nicholas, **Paul Kelsch,** Seth Estep, and Luke VanBelleghem, "Topographies of Amusement: The evolving terrain of Glen Echo Park, Maryland", Council of Educators in Landscape Architecture, National Conference, 2011.

**Kim, Mintai.** "Modeling Nightscapes of Designed Spaces: Case Study of the University and Virginia Tech campuses." *Digital Landscape Architecture Conference Proceedings*. May 2012, Dessau, Germany.

Kavousi, S. and **P.A. Miller,** 2012. "Revealing a Foundation Design Pedagogy and Rationale," presented at 2012 CELA Annual Meeting, Urbana-Champaign, Illinois. March 28-31.

**Miller, P.A.** 2012. "Scenery Management in the United States: the Claytor Lake Scenery Management Study," *Chinese Landscape Architecture*. (Translated by Shan Jiang), February 29, 2012.

**Miller, P.A.** 2011, "A Review of Accreditation in Landscape Architecture." A paper prepared for The Korean Institute of Landscape Architects. November 2011. p 9.

**Miller, P.A.** 2011. "A Very Prestigious Figure in Chinese Landscape Architecture," *Chinese Landscape Architecture*. (translated by DU Wan-qiu) March 2011.

**Rodríguez-Camilloni, Humberto,** "Art: Colonial: South America," *Handbook of Latin American Studies*, Vol. 66, Austin: University of Texas Press, pp. 1-19.

**Rodríguez-Camilloni, Humberto,** "The Mystery and Majesty of Peru," *Smoking Mirror*, Vol. 19, No. 2, October 2011, pp. 3-4.

**Rodríguez-Camilloni, Humberto,** "Sidney D. Markman," *SAH News*, Vol. IV, No. 4, December 2011, pp. 10-11.

**Setareh, M.,** and Ma, L., "A Comparative Study of the Structural Behavior of Steel Flat Double-Layer Grid Spatial Structures", 2012 International Conference on Civil, Offshore, and Environmental Engineering-ICCOEE2012, June 12-14, Kuala Lumpur, Malaysia.

**Setareh, M.**, "Comparison of the Guidelines for the Evaluation and Assessment of Floor Vibrations Due to Walking", 2012 International Conference on Civil, Offshore, and Environmental Engineering-ICCOEE2012, June 12-14, Kuala Lumpur, Malaysia.

**Sharma, Akshay** (2011). "Designing empowerment: Design for social impact." *eWorld Forum 2011*, New Delhi, India.

**Tucker, L.M.**, 2012. "Adaptive Reuse: How Much is Too Much?" IDEAS 2012: Interior: A State of Becoming. Curtin University, Australia.

### **Peer-reviewed Papers Presented at Conferences**

**Albright, Kathryn**, "Digital Mentors: Peer Learning in Design Education," 2011 Mentoring Conference, University of New Mexico – Albuquerque, October 25-27, 2011.

**Albright, Kathryn**, "Peer Learning in Architecture and Design Education," 2012 Conference on Higher Education, Virginia Tech – Blacksburg, February 8-10, 2012.

**Bassett, James**, "The Contextual Mean" ACS Architecture, Culture, Spirituality Conference. Chichen Itza, Yucatan, Mexico. April 2012

**Bryon, Hilary**, "The Constructs of Parallel Projection in the 18th and 19th Centuries" Session: *Drawing in the Design Professions, 1500 to 1900*, Society of Architectural Historians 65th Annual Conference, Detroit, Michigan, April 18-22, 2012

**Clark, Chip**. "Connective Computation: Integrating Parametric Modeling, Computational Simulation, and Rapid Prototyping in the Development of Multifunctional Building Envelopes." 2012 Energy Forum on Solar Building Skins, Bressanone, Italy.

**Clements, Terry L.** 2012. "Where Can I go? What Should I Do? A Review of Off-campus Educational Offerings in Landscape Architecture." Finding Center: Landscape + Values CELA 2012: Council of Educators in Landscape Architecture 2012 Conference Abstracts, p. 94.

**Emmons, Paul**. "Odiferous Conceptions of the City." City Air Session, *Society of Architectural Historians 65th Annual Conference*, Detroit, Spring 2012.

**Emmons, Paul**. "The Terrain of the Wound." *Theoretical Currents II: Architecture and its Geographical Horizons*, University of Lincoln, UK, Paper accepted but not presented, Spring 2012.

**Emmons, Paul**. "Chewing on Words." *Chewing on Words: Reconsidering Text in its Materiality*, College Art Association 100th Annual Conference, Los Angeles, February 22–25, 2012.

**Jaramillo, A** (PhD student) and **M. Ermann**. "Linking HVAC type and student achievement," Presented at the Acoustical Society of America meeting, Hong Kong, May 2012.

**Grant, E.**, "Going Beyond the 'Green Fuzzy': Measuring Runoff Reduction at Modular Vegetative Roofs", presented at the RCI, Inc. Symposium on Building Envelope Technology held October 10-11, 2011 in Charlotte, NC.

**Grant, E.**, and **S. Ma'bdeh** (PhD student) "Growing Cities, Growing Roofs: Vegetative Systems' Response to Urban Runoff", accepted for publication and presentation at the EAAE/ARCC International Conference on Architectural Research, Milan, June 7-10, 2012.

**Ishida, Aki.** "Gathering Around Fire at Times of Crisis and Reconstruction." Invited presenter at International Workshop: Innovation, Diversity and Sustainable Development in Areas of Social Vulnerability at Center for Rebuilding Sustainable Communities after Disasters at University of Massachusetts Boston. November 17, 2011.

**Katen, Brian.** "Good Roads, The Automobile, and the Virginia Landscape," presented at the 2012 CELA Conference, March 2011 in Urbana Champaign, Illinois.

**Katen, Brian.** "The Crooked Road and the Landscape of Bluegrass," presented at the Hearing Landscape Critically Conference, Music Faculty, University of Oxford, May 2012.

**Martin, Shelley.** "Slicing the Apple: Spatial Prospects of the Photogram and the Still Life," Second International Conference on the Image, San Sebastian, Spain

**Mihalache, Andreea** (PhD student, WAAC). "Is Architecture Space? On the Making of Rachel Whiteread's *Ghost*," SupraSpace: On the Concept of Space and Place in Art and Visual Culture, conference organized at The Yolanda and David Katz Faculty of Art, Art History Department, Tel Aviv University (Forthcoming: June 3-4, 2012).

**Mihalache, Andreea** (PhD student, WAAC). "The Unconquered Citadel: Post-Communist Myths and the Palace of the Parliament in Bucharest, Romania," IAESTE, Portland, Oregon. (Forthcoming: October 4-7, 2012).

**Miller, P.A.** "Engagement in Today's University: Dilemmas and Prospects," presented at 2012 CELA Annual Meeting, Urbana-Champaign, Illinois. March 28-31.

**Miller, P.A.** "A City is a Tree: or at least tree like," invited lecture Landscape Architecture Department, Seoul National University, Seoul, Korea. October 22, 2011.

**Miller, P.A.** "A Review of Accreditation in Landscape Architecture," presented at a meeting of the Korean Institute of Landscape Architects. Seoul, Korea. October 21, 2011.

**Renard, Helene.** "Envelope: Interior Space Enhancers," IDEC South Region Conference: Common Ground, Interior Design Educators Council, Statesboro, Georgia, November 10, 2011.

**Sullivan, Ellen** (PhD student, WAAC). "On Softening the Eyes: Peripheral Vision in Patrick Geddes' Urban Strategies." *Peripheries* Conference. Architectural Humanities Research Association. Belfast, Ireland, October, 2011.

**Tucker, L.M.** 2012. "Sustainable Building Design Initiative: A Collaboration Between Interior Design and Engineering" IDEC International Conference, Baltimore, MD, March 2012. (acceptance rate 46.1%)

**Tucker, L.M.** 2012. "Frank Lloyd Wright and the Design Process" IDEC International Conference, Baltimore, MD, March 2012.

#### **A+D Faculty Invited to Deliver Lectures Elsewhere**

**Breitschmid, Markus.** "Architettare: Tradition & I," Organizzazione Studenti Accademia, Accademia di Architettura, Università della Svizzera Italiana

**Bryon, Hilary,** "Projecting through Drawings: Parallel Projections in the 19th and 20th Centuries," Department of Architecture, Izmir University of Economics, Izmir, Turkey, May 16, 2012.

**Bryon, Hilary**, "Projecting through Drawings: Parallel Projections in the 19th and 20th Centuries." Department of Architecture, Izmir Institute of Technology, Izmir, Turkey, May 17, 2012.

**Dunay, Donna**. "For the Future – What is an Archive?" International Union of Architects – University Innovations Center, Tokyo, Japan.

**Dunay, Robert**. Invited lecture, "Center for Design Research and Architectural Education," American Institute of Architects, Ashville, NC, Sept. 2011.

**Dunay, Robert**. Invited lecture, "Case Study: LumenHAUS - Winner of the 2010 international Solar Decathlon Competition," Green Building Focus Exposition and Conference, Birmingham, AL, Sept. 2011.

**Dunay, Robert**. Invited lecture, "Eclipsis System: An innovative Sun Control and Insulation Fenestration," Architecture Exchange East, Virginia Society AIA Convention, Richmond, VA, Nov. 2011.

**Edge, Kay**. Opening lecture: "For the Future: Pioneering Women in Architecture from Japan and Beyond In Celebration of 25 years of the IAWA." Tokyo, Japan, June 6, 2011.

**Frank, Tim**. "Techniques toward a Time-Based Architecture," Penn State University. Presenting beginning design techniques that lead to effective modes of performance modeling.

**Katen, Brian**. "Speedways of Southwest Virginia," for the *White Liquor and Dirt Tracks Exhibit* opening at the Mount Airy Museum of Regional History, Mount Airy, NC. January 2012.

**Katen, Brian**. "Yellow Sulphur Springs: A Hidden History," presented at the *Roanoke Historical Society*, February 2012.

**Kim, Mintai**. "Healing Garden Design Research." Virginia Tech Carilion School of Medicine. Feb 16, 2012.

**Martin, Shelley**. "Education of an Architect: The Environment of a Question," Keynote Lecture, Malta Design Week: 1 October – 8 October 2011.

**Piedmont-Palladino, Susan**. Invited Lecture, "Intelligent Cities," delivered in multiple venues: Gensler Mid-west Regional Directors' meeting, Chicago, The Clinton School of Public Service, Little Rock, 9th Annual Conference on Urban Design, NC State, Raleigh, and Smart Growth Series, National Building Museum.

**Piedmont-Palladino, Susan**. Invited Lecture, "Cities, the Global and the Local," TE2 Symposium, Catholic University

**Renard, Helene**. Closing Remarks at the exhibit "For the Future: Pioneering Women in Architecture from Japan and Beyond, UIFA (Int'l Union of Women Architects) Conference, Tokyo, Japan.

**Rodríguez-Camilloni, Humberto**, "The Preservation and Conservation of 20th Century Architecture in the U.S.: A Case Study of Frank Lloyd Wright's Fallingwater," Keynote Address delivered at 5th Annual Meeting of ICOMOS Mexico Scientific Committee for 20th Century Architecture, Toluca, Mexico.

**Rodríguez-Camilloni, Humberto.** "The Majesty and Mystery of Machu Picchu," Monthly Meeting Keynote Speaker, Pre-Columbian Society of Washington, D.C., June 3, 2011.

**Sharma, Akshay.** "Designing Empowerment: design and social impact research." 2012 International Young Entrepreneurs Conference, a group of international scholars from US, Europe and Asia.

**Wheeler, Joe and Robert Dunay.** "Green Modular Building Delivery Systems," *Regional Design Revolution, Ecology Matters*, AIA National Convention, New Orleans, LA, May 2011.

**Wheeler, Joe.** "A Net Zero Energy Dwelling - VT Lumenhaus," Live Broadcast; AIA Virtual Convention, AIA National Convention, Washington DC, May 2012.

**Wheeler, Joe.** "The Virginia Tech Lumenhaus; 2010 Solar Decathlon Europe Competition," The International Congress Bauhaus SOLAR, Erfurt, Germany, November, 2011.

**Wheeler, Joe.** "Processo Progettuale e Realizzativo di un Prototipo Casa Vincente," MED In ITALY incontra LUMENHAUS, Università degli Studi di Roma Tre, Rome, Italy, June 13, 2011.

**Wheeler, Joe.** "Net Zero Energy Design," AIA Alaska; Statewide Convention, Anchorage Alaska, November 2011.

**Wheeler, Joe.** "Strategies for designing a Net Zero Energy Home," Alaska Center for Appropriate Technologies (ACAT), Wasilla, Alaska. November 2011.

**Wheeler, Joe.** "Nearly zero-energy buildings: from research to real construction," International Conference 10Action; Instituto para la Diversificación y Ahorro de la Energía (IDEA), Barcelona, Spain. 18th May 2011.

#### **A+D Faculty Invited to Serve as Panelists/Moderators**

**Jones, Jim.** BIM for facility management. The 2011 Annual Labs21 Conference, Albuquerque, NM. Sept. 29, 2011.

**Clements, Terry.** Invited panel participant, Distressed Cities, Ridenour Faculty Fellowship Conference 2012. Organized by Prof. Joe Shilling, MURP.

**Dunay, Robert.** Invited panelist, "Solar Decathlon Roundtable," Association of Collegiate Schools of Architecture, National Convention, Boston, MA, March 2012.

**Dugas, Dave.** Panelist: Council of Educators in Landscape Architecture, topic: "Perspectives on Representation as Generative Design Catalyst," University of Illinois, March 28-31, 2012.

**Katen, Brian.** Panel Member, "Perspectives on Representation as Generative Design Catalyst, the 2012 CELA Conference, March 2011 in Urbana Champaign, Illinois.

**McGrath, Margarita.** *Feminist Practices* Book Launch panel & book signing. Bluestockings Bookstore, NYC. Friday, March 2nd, 7-9 p.m.

**McGrath, Margarita.** *Feminist Practices* Book Launch panel & book signing. Van Alen Institute Books, NYC. Thursday, March 1st, 7-9 p.m.

**McGrath, Margarita.** Small Space Design Panel. GreenLight Bookstore, Fort Greene, Brooklyn. Moderated by Mimi Zeiger. August 4, 2011.

**Piedmont-Palladino, Susan.** Panelist, *Reclaiming the Edge: Urban Waterways and Civic Engagement* at Smithsonian Anacostia Community Museum.

**Piedmont-Palladino, Susan.** Moderator, Charles H. Atherton Memorial Lecture: *Whose Space? Public Land in the Nation's Capital*, National Building Museum.

**Rodríguez-Camilloni, Humberto.** Pre-Columbian Society of Washington, D.C. Symposium "The Dawn of Andean Civilization," Washington, D.C., September 17, 2011.

**Rodríguez-Camilloni, Humberto.** Dumbarton Oaks Pre-Columbian Symposium "Conflict, Conquest, and Performance of War in Pre-Columbian America," Washington, D.C., October 14-14, 2011.

**Rodríguez-Camilloni, Humberto.** VCU's 19th Annual Symposium on Architectural History and the Decorative Arts, "Traditions—III," Department of Art History, The School of the Arts, Virginia Commonwealth University, Richmond, VA, November 18, 2011.

**Rodríguez-Camilloni, Humberto.** Pre-Columbian Society of Washington, D.C. Colloquium "Late Moche Chronology and the End of the Moche," Washington, D.C., February 3, 2012.

**Rodríguez-Camilloni, Humberto.** Yale School of Architecture Symposium "Is Drawing Dead?" Yale University, New Haven, CT, February 9-11, 2012.

**Rodríguez-Camilloni, Humberto.** Dumbarton Oaks Pre-Columbian Studies Colloquium "Inca Stone in the Round: Boulder Shrines, Caves, and Waterworks," Washington, D.C., March 8, 2012.

**Rodríguez-Camilloni, Humberto.** Session Chair, "Remembering George A. Kubler." Society of Architectural Historians 65th Annual Conference, Detroit, MI, April 18-22, 2012.

## Exhibitions

**Cortes, Mario.** "Watercolors," XYZ gallery, Blacksburg, VA.

**Dunay, Robert, Joe Wheeler, Chip Clark, Tim Frank, and Matt Wagner** (Center for Design Research). 2012 International Contemporary Furniture Fair (ICFF), *The Urban Garden*. "Innovative Building Skins, Industrialized Processes, and Responsive Architecture." Virginia Tech was one of six international design schools selected to exhibit their work at the international design show at the Jacob Javits Convention Center in New York City. The Virginia Tech exhibit was featured by ICFF, *Wired Magazine*, and *Metropolis Magazine* as one of the best exhibits at ICFF 2012.

**Dunay, R., J. Wheeler, R. Schubert, and C. Clark.** *Lumenhaus* exhibited on the grounds of the Farnsworth House, Plano, IL.

**Emmons, Paul** and Carol Emmons, *Alembic I*, Charles Allis Art Museum, Feb 2-Nov 13, 2011.

**Frank, Tim.** "Re-Pairing Terrain": Art on the BeltLine, Atlanta BeltLine: Atlanta, Georgia. Exhibition of solar access installation commissioned by the BeltLine Partnership.

**Frank, Tim.** "Site Unseen," Spruill Gallery: Atlanta, Georgia. Exhibition of recent work with Mack Scogin Merrill Elam Architects & BLDGS.

**Frank, Tim.** "Bottle-Play": Dogwood Festival's Eco-Village, Piedmont Park: Atlanta, Georgia. Exhibition of recycled bottle installation.



**Frank, Tim.** "Post-Consumer Prototyping": Architecture Exchange East, Annual Exhibition hosted by Virginia Society AIA. Exhibition of post-consumer material testing.

**Frank, Tim.** "Bottle-Skin": Silent Night Exhibition, Annual Show hosted by XYZ Gallery in Blacksburg, Virginia. Exhibition of pneumatic envelope research.

**Renard, H., Johnson, R., Moye, K., Long, N., Lawall, M., Al-Halali, M., Robbins, C., Castillo, J., Batista, B., Yi, D., McClary, S., Wood, C., Cox, L., Balthazar, W.** "Big Felt: Collaging Interiors", Felt Constructions by students. Perspective Gallery, Squires Student Center, Blacksburg, VA, April 24, 2012 - April 29, 2012.

**Vernon, Mitzi, Akshay Sharma, and Martha Sullivan.** "inFORM: a language for form," an exhibition designed and produced by the second-year industrial design studio, at the Virginia Tech Research Center - Arlington. The exhibition was also presented in the Lobby of Cowgill Hall, March 22-23, 2012.

**Whitney, Brad.** Nine photographs: "Epicurie," "Pier Into," "Across the Universe," "Falling Into," "Light at the End," "Patisserie," "River Rise," "Interface 9," and "River Line." *At the Edge* Group show. Projekt30 Gallery, West Palm Beach, FL and online. June 1, 2011 – July 1, 2011 (30 artists selected, 128 artists submitted).

#### **Poster Presentations**

**Huling, Lindy.** "Sustainable Building Design." CPES Annual Conference, April 2, 2012.

## Teaching | Learning

### Program Rankings

Programs within the School of Architecture + Design have again been highly ranked in the 2012 *DesignIntelligence* rankings, the only survey of design education in the United States. Rankings are based on survey responses from 277 private practice organizations that were asked, "In your firm's hiring experience in the past five years, which of the following schools are best preparing students for success in the profession?" In addition to the school rankings by professionals, deans and chairs from 111 academic programs participated in surveys, the data from which is presented separately from the practitioner rankings.

For 2012, Virginia Tech's undergraduate Architecture program is ranked #3 in the nation, moving up from #4. The deans ranked the program #2, citing the program's "design quality, preparation for professional practice, and collaboration with other majors."

The undergraduate program in Interior Design is tied for #8 nationally. The deans ranked the program #3, citing its "faculty, comprehensive education, and collaborative teaching approach."

The undergraduate Landscape Architecture program is ranked #13 in the nation, and the graduate program is tied for #12. The deans ranked the undergraduate program #4, citing its "excellent resources, good design program, and diversity of students."

The deans' survey ranked the undergraduate program in Industrial Design #2 in the nation, citing its "emphasis on human factors, comprehensive program, and quality of students."

In addition, the 2012 Leadership Index of industry leaders in award-winning firms, two Virginia Tech alumni are featured: Jane Cady Wright (B.Arch., 1980) and Nicholas E. Vlattas (B.Arch., 1976), both of Hanbury Evans Wright Vlattas + Company.

For further information regarding the rankings, please see the *DesignIntelligence* website at <http://www.di.net>.

### Program Accreditation

The Interior Design Program (BS.ITDS) was reviewed by a visiting team from the Council for Interior Design Accreditation (CIDA) during the Fall semester, 2011. The program's accreditation was renewed with a full accreditation term.

The Architecture Programs (B.Arch., M.Arch.) were reviewed by a visiting team from the National Architectural Accrediting Board (NAAB), March 9-14, 2012. The term(s) of continued accreditation will be decided at the July Board meeting of the NAAB.

### National and International Faculty Awards

*DesignIntelligence* has listed the **25 "most admired" design educators** from across the U.S., and included in this prestigious group are Prof. **Robert Dunay**, Director of the Center for Design Research and the T. A. Carter Professor of Architecture, and Prof. **Scott Poole**, Professor Emeritus and former Director of the School of Architecture + Design and now Dean of the College of Architecture and Design at the University of Tennessee.

## University, College, and School Teaching Awards

Industrial Design Professor **Mitzi Vernon** has received the university's highest teaching honor, the 2012 **William E. Wine Award**. The William E. Wine Achievement Awards were established in 1957 by the Virginia Tech Alumni Association in memory of William E. Wine, Class of 1904, who was a former rector of the board of visitors and alumni association president, to honor faculty with "a history of university teaching excellence."

**Mitzi Vernon** was also selected as VT's **Teacher of the Week** in Sept. 2011 by the Center for Instructional Development and Educational Research.

**Heinrich Schnoedt** was awarded the **University Certificate of Teaching Excellence** for the College of Architecture and Urban Studies.

**Greg Tew** received a **College of Architecture & Urban Studies Award for Excellence in Teaching**.

The School of Architecture + Design **J. Stoeckel Studio Teaching Excellence Award** went to Prof. **Mitzi Vernon**.

School of Architecture + Design **Lecture/Seminar Course Teaching Excellence Awards** went to both **Dean Bork** and **Scott Gartner**.

The ITDS **Award for Outstanding Faculty Contribution** went to **Lindy Balls-Huling**.

## Visiting Lecturers

### Fall 2011:

"Architecture in Switzerland," Symposium, Oct. 11 & 12, 2011, organized by Prof. **Markus Breitschmid**:

**Emanuel Christ**, Co-founding Principal of Christ & Gantenbein and Professor of Architecture, Swiss Federal Institute of Technology, Zürich

**Valentin Bearth**, Co-founding Principal of Bearth & Deplazes and Professor and Dean, Accademia di Architettura, Università della Svizzera Italiana

**Kirsten Ring Murray**, Principal, Olson Kundig Architects, Oct. 13, 2011

**Matthew Kam**, Assistant Professor, Human-Computer Interaction Institute, Carnegie-Mellon University, Oct. 26, 2011

**Cathi and Steven House**, VT Architecture Alumni, Nov. 15, 2011

**Dan Fogelson**, VP, Sales & Marketing, Emeco Furniture, Nov. 16, 2011

### Spring 2012:

**Ufuk Ersoy**, Feb. 2, 2012

**Juhani Pallasmaa**, Architect, Teacher, and Author, Feb. 7-8, 2012

**Peter Gluck**, Architect, Feb. 15, 2012

**Marc Gee** (VT B.Arch. '97), Principal, Peter Gluck and Partners, Feb. 16, 2012

**Charles "Chuck" Harrison**, Industrial Designer, Chicago, IL, Feb. 22, 2012

**Omar Bailey**, Designer, Feb. 29, 2012

**Dr. David Leatherbarrow**, Univ. of Pennsylvania, Mar. 28, 2012

**Ted Landsmark**, President, Boston Architectural College, Apr. 3, 2012

**Kai-Uwe Bergmann**, Bjarke Ingels Group (BIG), Apr. 4, 2012 (Blue Ridge AIA Lecture)

**Fran Silvestre**, Architect, Valencia, Spain, Apr. 5, 2012

**Blaine Merker**, Rebar Art & Design Studio, Apr. 11, 2012

**Jon Taylor**, KEM Studio, Apr. 12, 2012

## Student Enrollment - Fall 2011

Architecture, undergraduate	534	
Architecture, graduate	167	
Total, Architecture		701
Industrial Design		131
Interior Design		123
Landscape Architecture, undergraduate	97	
Landscape Architecture, graduate	46	
Total, Landscape Architecture		143
Architecture and Design Research (PhD)		31
Total, School of Architecture + Design		1129

## Student Awards in International, National, and Regional Competitions

Two Interior Design students received top honors in the annual student design competition sponsored by the American Society of Interior Designers (ASID). **Hannah Chessman** was awarded first place in the 2012 **ASID Student Design Competition**, and **Jennifer Boyd** received an honorable mention. This is the third year in a row that a Virginia Tech Interior Design student has won one of the two national competitions for students of interior design.

**Keith Stricker** (B.Arch. '11) has received an **Undergraduate Award for Excellence in Design** from the **Maryland Society of the American Institute of Architects (AIAMD)** in the fifth annual 2011 AIA Maryland Student Design Awards Competition. Strickler's entry, "A Community Composed of Urban Spaces," was judged by distinguished members of AIA Louisiana: Steve Dumez, FAIA, Judith Kinnard, FAIA, Kevin Morris, AIA, and Trula Remson, AIA. Strickler's faculty sponsor was Prof. **Michael Ermann**.

Industrial Design student **Patrick Bowers** was named a finalist in the 2012 **iF (International Forum) Design Awards** competition. His "Pushup Center" design placed in the top 368 designs out of 15,000 entries.

**Sandra Nam**, MLA '11, was selected as a 2012 University **Olmsted Scholar** by the Landscape Architecture Foundation, based on her thesis work. Sandra studied in the Master of Landscape Architecture (MLA) program at the Washington-Alexandria Architecture Center (WAAC).

In the **Virginia Educational Facility Planners competition**, 3<sup>rd</sup> year architecture student **José Laso** was awarded first place and **Jacob Combee** was awarded second place. **Dean Asplundh** and **Margaret Osial** received honorable mentions. Profs. **Mario Cortes** and **Elizabeth Grant** were the faculty advisors for these students.

**Reid Schlegel** (IDS, 2012) has been selected as the **Student Merit Award** winner for the **Southern District of the Industrial Designers Society of America (IDSA)**. As a result, he will now go to the National IDSA Conference to present his work.

Swiss toy maker **Naef Spiele AG** hosted its third **toy design competition** in conjunction with the School of Architecture + Design, Jan. 18 – March 20, 2012. The competition jury, comprised of **Hans-Peter Engeler**, CEO of Naef Spiele AG, **Heiko Hillig**, Naef Toy Designer, **Jeffrey Ryan**, Project Manager and Sales, Naef USA, and A+D faculty members **Robert Dunay**, **Dave Dugas**, and **Erin Putalik**, selected the following winners from approx.. 200 entries:

First Place - **Chelsey Pon** and **Bailey Tarren**

Second Place - **Negar Kalantar**

Third Place - **Julia Vasquez**

Honorable Mentions - **Bryce Beckwith**, **Andrew Cridlin**, **Kelsey McLean**, **Josh Schiemann**, **James Wood**

In the 2012 statewide **Virginia Society AIA Prize Student Design Competition**, Virginia Tech students received the following awards:

Best of School, Blacksburg, **John Jennings**

Best of School, WAAC, **Ningning Shang**

Honorable Mention, Creativity, **Zack Saunders**, Blacksburg

Notable, "Stanley Kubrick Award", **Chris Yetka**, Blacksburg

## **Sponsored Studios 2011-2012**

**SFCS Sponsored Studio on Senior Living:** Sherertz Franklin Crawford Shaffner (SFCS) is a full-service architectural, engineering, planning and interior design firm with offices in Roanoke, VA and Charlotte, NC with specialized experience in Senior Living, Higher Education and Civic and Public Buildings. In the Spring of 2012, in honor of VT alumnus and former SFCS Partner Rudy Jennings, SFCS partnered with thirty-three, 3<sup>rd</sup>-year Industrial Design students (IDS 3016 Industrial Design Studio) under the direction of Profs. **Ed Dorsa** and **Ron Kemnitzer**. Eleven teams of students presented their research work at the 'By Design' Conference hosted by SFCS at the Hotel Roanoke. Staff and principals from SFCS visited VT on three occasions to participate in project reviews. One team was selected to receive the SFCS Senior Living Studio Award (\$1000 for the team: **Patrick Bowers, Daniel Colby**, and **Mary Kathryn Suttle**) and one team was selected as Honorable Mention (\$400 for the team: **Issac Kim, Hanna Tsuchara**, and **Daniel Wainless**).

Interior Design sponsored studios included the **Mark Boone Sponsored Studio**, in which students designed apartments in a high-rise building in New York City; the **Joe Rogers and Associates Sponsored Studio**, in which students designed a spa in Montana; the **Kimball Office Sponsored Studio**, where the goal was to create a contemporary workplace for a media arts group demonstrating innovative applications for Kimball Office furniture; the **Haworth Sponsored Studio**, in which the intent was to incorporate Haworth's furniture systems into a design for a charity of the student's choice; the **Inscape Sponsored Studio**, where, with additional sponsorship from Healthways, Inc., students designed a healthy office environment; the **Intec Group Sponsored Studio** for 2<sup>nd</sup> year students; and the **DIRTT Sponsored Studio**, in which students employed innovative wall and floor solutions in their projects. The **Steelcase Prize** was awarded to graduating seniors **Hannah Chessman** and **Denise Pendleton** for design excellence, service, and leadership.

**Concept Planning for the Columbia Pike Center and Site:** Arlington County, by successful negotiation with Washington Headquarters Service on a land swap relating to the Navy Annex would result in Arlington gaining a 4.5 acre site along Columbia Pike west of the Air Force Memorial. Arlington Economic Development AED pursued a concept plan for the redevelopment of the Navy Annex site that would include a visitor center and interpretation space for the Pentagon Memorial Foundation, an interpretation space for the Arlington Heritage Center, and meeting space and parking facilities to serve all three user groups. This would create a transit-served visitor attraction while allowing additional functionality of the existing sites of the Air Force Memorial and the Pentagon Memorial. Arlington Economic Development proposed to engage the Virginia Tech's Washington Alexandria Architecture Center (WAAC) in a studio project to investigate design options for the integrated visitor attraction described above. The students were given some summary program information and interacted with a "client" groups that included a representative of each of the interested parties. AED's previous experience with a similar project with the architecture students yielded some exciting design options that may lead to further development as the project proceeds. A group of upper-level Architecture and Landscape Architecture students proposed and presented to Arlington County and its "client group" hypothetical and academic solutions for the visitor center and interpretation center. Project outreach grant amount: \$19,720. A publication of the work is in process.

## Special Studio Opportunities

**design/build LAB:** Over the 2011-12 academic year, **Keith** and **Marie Zawistowski** led a 3<sup>rd</sup>-year undergraduate architecture studio in a design/build project to develop a schematic design for an amphitheater structure and park for Clifton Forge, VA, produce construction drawings, pre-fabricate the building components for the structure, and assemble them on the site. The project was funded by in-kind material donations and a grant from the Alleghany Foundation.

**KEM Studio:** The KEM collaborative studio took place during spring break, March 4-10, 2012. Architecture, Industrial Design, Interior Design, Graphic Design, and Landscape Architecture students all worked together in Kansas City, MO, on collaborative projects.

## Off-Campus Educational Opportunities

The **2011 College of Architecture and Urban Studies Interdisciplinary Education Abroad Summer Program** occurred from May 16 through June 22, 2011, led by A+D faculty members **Terry Clements** and **Mintai Kim**. 15 students participated.

The **2011 ITDS/IDS Summer Travel Abroad Program** occurred from May 19 through June 8, 2011, led by Profs. **Greg Tew** and **Ron Kemnitzer**. 26 students participated.

The **2011 Europe Study Abroad Fall Travel Program** was organized in four segments: Munich, Salzburg, Vienna, Prague, Sept. 1 - 10, directed by Profs. **Hans Rott** and **Elizabeth Grant**; Berlin, Hamburg, Cologne, Paris, Sept. 11 - 25, directed by Profs. **Heinrich Schnoedt** and **Jim Jones**; Independent Travel, Sept. 26 – Oct. 6; Seville, Granada, Valencia, Barcelona, Avignon, Oct. 7 - 20, directed by Profs. **Sal Choudhury** and **Steve Thompson**; Como, Verona, Venice, Florence, Siena, Rome, Oct. 21 – Nov. 9, directed by Profs. **Gene Egger** and **Mario Cortes**. In addition to a major exhibition of their findings, students were required to construct a 6 pages with an essay on a selected topic supported by their own on-site sketches and photographs.

The **Fall 2011 Europe Study Abroad Residency Program** at the Center for European Studies and Architecture (CESA) in Riva San Vitale, Switzerland, was led by Prof. **Frank Weiner**. 18 students participated in the semester-long program, which included lecture classes, design studio, and travel segments.

The **Spring 2012 Europe Study Abroad Residency Program** at the Center for European Studies and Architecture (CESA) in Riva San Vitale, Switzerland, was led by Prof. **Paola Zellner-Bassett**. 17 students participated in the semester-long program, which included lecture classes, design studio, and travel segments.

The reformulated **Chicago Studio** was again offered in 2011-12 as semester-long programs over the full academic year under the direction of Visiting Instructor **Andrew Balster**. Under the new format, each semester will be comprised of a 10-week studio project followed by a 5-week internship in a professional architecture office. Sixteen students participated in the program during the fall semester (2011), and sixteen students participated in the spring (2012). Participating firms included Skidmore Owings and Merrill (SOM), Perkins + Will, GREC, Von Weise Associates, and Cannon Design.

**“The Majesty and Mystery of Peru,”** Study Tour for Virginia Tech CAUS Alumni, Faculty, Students and Friends in celebration of the 100th anniversary of the discovery of Machu Picchu by Hiram Bingham, held between July 18-July 31, 2011, organized and led by Prof. **Humberto Rodríguez-Camilloni**. Tour included major cities of Lima, Arequipa, and Cuzco and Inca archaeological sites Sacsahuamán, Tambo Machay, Tipón, Pisac, Ollantaytambo, Machu Picchu, and others.

**Exchange Programs:** During the fall semester of 2011 nine undergraduate Architecture students participated in bi-lateral and other exchange programs. During the spring semester of 2012 seven undergraduate Architecture students participated in bi-lateral and other exchange programs. Study locations included Denmark, Finland, Great Britain, and Switzerland.

### **Field Trips**

**Charlotte, NC** – On April 4, 2012, all first-year students in the School (approx. 175) traveled to Charlotte and, led by the Foundation program faculty, toured various parts of the city and visited three museums: the Gantt Center for African American Arts and Culture, the Mint Museum, and the Bechtler Museum. The trip was organized by Prof. **Kathryn Albright**, Chair, Foundation Program.

**Bryson City, NC** – Third-year students in **Jim Bassett's** design lab (ARCH 3015) traveled to Bryson City and the surrounding landscape to study the relationship between architecture and the artificial/recreational landscape developing around and upholding the ostensibly natural (Fall 2011).

**Cincinnati, OH** – Third-year students in **Jim Bassett's** design lab (ARCH 3016) traveled to Cincinnati to explore architecture at the scale of city, campus, and urban site (Spring 2012).

**New York, NY** – Fourth-year students in the design lab (ARCH 4015) co-taught by **Margarita McGrath** and **Wendy Jacobson** visited New York, Sept. 15-17, 2011.

**Washington, DC** – Students in Prof. **Bert Rodriguez's** seminar (ARCH 4214/5134) traveled to Washington, DC to visit the Textile Museum and Dumbarton Oaks to view the Pre-Columbian collection, Sept. 16-17, 2011.

**Charlottesville and Forest, VA** – Students in Prof. **Bert Rodriguez's** seminar (ARCH 4214/5134) traveled to Charlottesville and Forest to visit Thomas Jefferson's residences at Monticello and Poplar Forest, Nov. 5, 2011.

**Philadelphia, PA** – Students in Prof. **Bert Rodriguez's** seminar (ARCH 4214/5134) traveled to Pennsylvania to visit Louis Kahn's Alfred Newton Richards Medical Center in Philadelphia, the Eleanor Donnelly Erdman Dormitory at Bryn Mawr College, and the Fisher House in Hatboro, March 22-23, 2012.

**Bear Run, PA** – Students in Prof. **Bert Rodriguez's** seminar (ARCH 4214/5134) traveled to Mill Run, PA to visit Frank Lloyd Wright's Fallingwater House and to Chalk Hill to visit Kentuck Knob, April 5-6, 2012.

**Washington, DC and Richmond, VA** – Students in **Lindy Balls-Huling's** Contemporary ITDS Practice course (ITDS 4554) traveled to Washington, DC and Richmond to engage with design professionals and to visit built projects (Spring 2012).

**New York, NY** – Students in **Paul Kelsch's** Landscape Architecture History course (LAR 5334) traveled to New York to visit Central Park and Prospect Park, April 2012.

### **Pre-Professional Educational Experiences**

The professional **Extern Program** offers the opportunity for 4th-year undergraduate architecture students to receive 12 credits of academic credit while employed in an

architectural office for one semester. Three students participated in the program during the 2011-12 academic year. The Extern program is directed by Prof. **Heiner Schnoedt**.

***inside Architecture + Design*** is a week-long summer experience for high school students who are curious about the world of design. The School of Architecture + Design offered its eleventh summer workshop for high school students, June 27 through July 1, 2011. Professors **Robert** and **Donna Dunay** led a group of 100 high school students through an in-depth experience regarding architectural education, the world of design, and campus life. The quality of the program is validated by demand, as applications have significantly increased. This year, *inside Architecture + Design* will be held from July 9 through July 13, 2012.

#### **Grants to Support Educational Mission**

**Albright, Kathryn.** Virginia Tech Quality Enhancement Program **First Year Experience Grant**, \$12,500.

**Albright, Kathryn.** Virginia Tech **Summer Academy Grant**, \$15,000.

**Vernon, Mitzi, Akshay Sharma, and Martha Sullivan.** **CIDER Instructional Enhancement Grant**, "Exhibit, Catalog, and Essay: A Scholarship of Form." \$1,000.

#### **Events Organized to Provide Employment Opportunities for Students**

On Feb. 27, 2012, the School of Architecture + Design hosted its sixth **Career Day**, held at The Inn at Virginia Tech and Skelton Conference Center on the Virginia Tech main campus in Blacksburg, VA. Thirty-two firms participated in the one-day event, interviewing students for internships as well as permanent employment.



## Engagement | Outreach | Service

### University, College, and School Awards for Outreach and Service

Industrial Design Assistant Professor **Akshay Sharma** received the 2012 **Alumni Award for Excellence in International Outreach**. Sponsored by the Virginia Tech Alumni Association, the Alumni Award for Excellence in International Outreach is presented annually to a faculty or staff member who has had a significant impact on international outreach at Virginia Tech. Sharma's international outreach work, **Designing Empowerment**, employs design as a powerful way to creatively address some of the most critical issues being faced by societies around the world, especially for those below the poverty level.

**Terry Clements**, Associate Professor of Landscape Architecture, was featured as **VT's Engaged Scholar** for January 2012 for her work with local community projects, organizing study abroad programs, professional and university service.

**Akshay Sharma** received the University **Award for Excellence in Outreach** from the College of Architecture & Urban Studies.

The College of Architecture & Urban Studies **Excellence in Outreach Award** went to **Keith** and **Marie Zawistowski**.

The School of Architecture + Design **Excellence in Outreach Award** went to **Kathryn Albright**.

The **Leonard and Virginia Currie Faculty Professional Development Award** went to **Chip Clark**.

The **Ut Prosim Exemplary Service Award** went to **James Ritter**, FAIA.

The School of Architecture + Design **Excellence in Staff Service Award** went to **Teresa Phipps**.

The following faculty and staff members were honored for their length of service to Virginia Tech:

**25** years of service: **Patrick Miller** and **Dave Dugas**

**20** years of service: **Wendy Jacobson**, **Susan Piedmont-Palladino**, **Mark Schneider**, **Heinrich Schnoedt**, and **Steven Thompson**

**15** years of service: **Marcia Feuerstein**, **Lenora Stover**

**10** years of service: **Kay Edge**, **Michael Ermann**, and **Margarita McGrath**

### National and Regional Outreach/Service Awards

**Bork, Dean**. President's Volunteer Service Award from the President's Council of Service and Civic Participation, based on annual hours of community service, Fall 2011.

**Emmons, Paul**. Outstanding Citizen Service Award, City of Falls Church, Virginia.

**Tucker, Lisa**. 2012 Recognition of Service Award for contribution to the Interior Design Educators Council (IDEC).

**Tucker, Lisa.** 2011 Recognition of Service Award for Contributions to ASID as the Virginia Chapter Past President, Nominating Chair and Student Task Force Chair.

### **International Engagement**

**Designing Empowerment** ([www.id4learning.com](http://www.id4learning.com)), led by Assistant Professor of Industrial Design **Akshay Sharma**, is an international outreach project directed toward economic development in India, focused on opportunities where design can play a more substantial role in improving the lives of those living at bottom of the pyramid.

**Ermann, Michael. Ugandan Schools**, Pro-bono Acoustics Consulting. Wrote a classroom acoustics report for Building Tomorrow, an organization that builds African schools. Acoustics was identified as the most common complaint in their existing schools, July 2011.

**Fenske, Larry. Bottom of the Pyramid – Laos Edition:** School project in the village of Nong Sai, Laos. Visit to Laos with fifth-year Architecture student Tray Strawhorn during the semester break (December 22 – January 16) to meet with residents of rural villages, and students and school officials Luang Prabang Province regarding possibilities for a collaborative project to design new school, furniture and surrounding area for the village of Nong Sai, investigating the proposed school site, local construction methods and available resources.

**Rebuilding Haiti:** Prof. **Hans Rott** and Prof. Christine Fiori (Building Construction), along with an interdisciplinary team of students from architecture, construction, civil engineering, business, and biological systems engineering, traveled to Haiti over Spring Break (March 4-10, 2012) to work on construction of a primary school in Pignon, Haiti.

In the summer of 2011, **International Architecture and Design (IAD)** was offered for the 15<sup>th</sup> year. Principals and senior level architects from HEWV in Norfolk, as well as four principals from two other firms, traveled with A+D faculty to Helsinki, Finland for an in-depth look at the work of Alvar Aalto. The role of design and its place in Finnish culture was explored through site visits and meetings with architects and design corporations. Participants received 34 AIA learning units. Prof. **Robert Dunay**, FAIA, and Prof. and Dean **Jack Davis**, FAIA, conceived, organized, and led the program.

### **National and Regional Service to the Professions**

**Bork, Dean.** Chair, LAAB Visiting Team, BLA, Ball State University, March 2012.

**Bork, Dean.** Member, Virginia Stormwater Best Management Practices Clearinghouse Committee

**Bork, Dean and Brian Katen.** Accreditation Report Review and Team visit preparation, MLA Program, University of Tennessee, spring 2012.

**Clements, Terry.** President. Council of Educators of Landscape Architecture (CELA), Spring 2011 - Spring 2012. Member of the Council of Presidents: organization including five landscape architecture organizations in North America; Ad Hoc Strategic Planning Advisory Committee; Annual Conference Track Chair, Design Education and Pedagogy, responsible for coordinating peer review of abstracts and session design for 2012 conference held at the University of Illinois Urbana-Champaign.

**Clements, Terry.** ASLA representative to the International Federation of Landscape Architects World Council and to the Americas Region Meeting.

**Clements, Terry.** Accreditation Review Team, chair and academic member. Review of graduate program at the University of Minnesota, spring 2012

**Dorsa, Ed.** Chaired an Accreditation visit to the Industrial Design Program at Purdue University, March 17 – 20, 2012.

**Dunay, Donna.** National Architectural Accreditation Board (NAAB) Focused Review and Report, Woodbury University, CA

**Emmons, Paul.** One of four primary editors, *AHRA (Architectural Humanities Research Association) Journal*.

**Emmons, Paul.** Session co-chair: *Chewing on Words: Reconsidering Text in its Materiality*, College Art Association 100th Annual Conference, Los Angeles, February 22–25, 2012.

**Emmons, Paul.** McGill University PhD Program, sole external reviewer invited by Alberto Pérez-Gómez (Montreal, Canada), Fall, 2012.

**Fenske, Larry.** Faculty Advisor for Virginia Tech Design for America Chapter - Assisted in establishing a Virginia Tech chapter of *Design for America*, a student led campus group involving collaboration across campus to creatively address local issues.

**Huling, Lindy.** Newsletter editor in charge of emerging talent, Interior Design Educators Council (IDEC).

**Kelsch, Paul.** Member, Historic American Landscape Survey (HALS) Subcommittee, American Society of Landscape Architects.

**Kelsch, Paul.** Member-at-large and Liaison to the Historic American Landscape Survey (HALS), Potomac Chapter, American Society of Landscape Architects.

**Kemnitzer, Ron.** Served as on-site 'External Academic Advisor' and external curriculum evaluator for a new MA Graduate Program for the Swire School of Design, Hong Kong Polytechnic Institute. June, 2011.

**Kemnitzer, Ron.** Served as Co-Master of Ceremonies at the 11th Brunel Awards Competition Ceremony, March, 2012, Washington, DC.

**Kim, Mintai.** CELA Awards Committee, Council of Educators in Landscape Architecture.

**Piedmont-Palladino, Susan.** Curator, National Building Museum, *Intelligent Cities* Initiative, a project funded by the Rockefeller Foundation, with IBM and Time Magazine.

**Piedmont-Palladino, Susan.** At-large Member, National Academy of Environmental Design (NAED).

**Setareh, Mehdi.** "Structural Technology for Interns and Practicing Architects," a series of seminars delivered during October 2011 at Virginia Tech's Washington-Alexandria Architecture Center. These seminars provide continuing education for the practicing architects in addition to helping intern architects to prepare for the Architecture Registration Exam.

**Setareh, Mehdi.** Member of the American Institute of Steel Construction, Education Committee of Architectural Engineering Institute, American Society of Engineering Education, American Society of Civil Engineers, and the Society of the Experimental Mechanics.

**Setareh, Mehdi.** Member of the advisory committee for the 2012 International Conference on Civil, Offshore, and Environmental Engineering (ICCOEE2012)

**Sharma, Akshay.** Chair, Design for the Majority Section, IDSA

**Sharma, Akshay.** Member, Organizing Committee, IDSA International Conference

**Tucker, Lisa.** President-Elect 2011-2012, President May 1, 2012, Interior Design Educators Council (IDEC).

**Tucker, Lisa.** Member, National Practicum Design Committee, Student Task Force Chair, and leadership group for STEP Program, American Society of Interior Designers (ASID). STEP is a preparatory program to assist people in the US and Canada in preparing for the NCDIQ examination.

**Tucker, Lisa.** Site Visitor Training; Evaluation Committee Member, Team Chair and Site Visitor, Mount Royal College, Fall 2011; Evaluation Team Member for Program Reviews: California State University (Feb 2012) and Mississippi College (Feb 2012). Council for Interior Design Education (CIDA).

**Tucker, Lisa.** Interior Design Program Consultant for accreditation preparation to the New York School of Interior Design, NY, NY (January 2012), MFA and BFA programs, the University of New Haven, New Haven, CT (May 2011), and the College of Mount Saint Joseph, Cincinnati, OH (November 2009).

**Wheeler, Joe.** Board Member of the Blue Ridge Chapter, AIA

**Vernon, Mitzi.** Panel Member, National Science Foundation Panel Review, Arlington, Virginia.

#### **A+D Faculty Invited as Studio Reviewers Elsewhere**

**Bassett, James,** December 2011 Invited Reviewer, North Carolina State University, Graduate Final Reviews.

**Bassett, James,** December 2011 Invited Reviewer, University of Michigan, Undergraduate Final Reviews.

**Bassett, James,** December 2011 Invited Reviewer, University of Virginia, Undergraduate Final Reviews.

**Bryon, Hilary,** University of Colorado-Denver, May 3-4, 2012. Invited by Department of Architecture Chair, Taisto Mäkelä, for the second year in a row to participate as a Visiting Critic in their graduate and undergraduate studio juries.

**Bryon, Hilary,** University of Maryland, April 30, 2012. Invited by Hooman Koliji, assistant professor, to participate in the review graduate student work.

**Bryon, Hilary,** Cornell University, December 6, 2012. Invited by Shayne O'Neil, associate visiting professor and Erik Stenberg, head of architecture at KTH, Royal Institute of Technology, Stockholm, to review the work of their graduate Stockholm Studio.

**Bryon, Hilary and Heinrich Schnoedt.** *Mediating Drawing* Workshop for third and fourth year architecture students, Department of Architecture, Izmir Institute of Technology, Izmir, Turkey, May 18, 2012.

**Clark, Chip.** *Ceramics 2.0* - Smartgeometries 2012 Cluster Champion, Troy, NY.

**Emmons, Paul.** Invited critic, Juhani Pallasmaa Studio, Catholic University, Fall 2011.

**Emmons, Paul.** Invited critic, Marywood University.

**Emmons, Paul.** Invited critic, University of Maryland.

**Wheeler, Joe and Clark, Chip.** Reviewer for Universities participating in future Solar Decathlon Competitions: Catholic University, New Mexico University, University of Southern California, Norwich University.

**Ishida, Aki.** Invited guest critic at senior thesis presentations of Profs. Francine Monaco and Deborah Schneiderman. Pratt Institute in Brooklyn, NY. April 30, 2012.

**McGrath, Margarita.** Pratt Institute, Third Year Comprehensive Studio. "Boathouse for Columbia," Final review, April 25, 2011. Sal Tranchino, studio faculty.

**McGrath, Margarita.** Syracuse University, First Year Graduate Studio. "Catalytic Urbanism," Final review, November 18, 2011. Lori A. Brown, et. al. studio faculty.

**Piedmont-Palladino, Susan.** Invited studio reviewer, The Catholic University.

**Zellner-Bassett, Paola.** Invited guest reviewer of student exhibition "The Order of Things" by MA students in Museum Studies and MA students in Art Museum and Gallery Studies, School of Museum Studies, University of Leicester, UK, March 2012.

**Zellner-Bassett, Paola.** Invited guest reviewer, North Carolina State University, Graduate Final Reviews, December 2011.

**Zellner-Bassett, Paola.** Invited guest reviewer, University of Michigan, Undergraduate Final Reviews, December 2011.

#### **A+D Faculty Invited to Serve as Competition Jurors**

**Davis, Jack, Margarita McGrath, and William Galloway.** Jurors for Winston-Salem AIA Design Awards, Dec. 2011.

**Dorsa, Ed.** Served as a juror for the Industrial Design Excellence Awards, sponsored by IDSA, Target Stores and Fast Company Magazine. (This is the premier ID award in the United States and one of the major awards internationally, with entries from the North and South America, Europe and Asia.)

**Jacobson, Wendy.** ASLA Student Awards Jury, Apr. 2012.

**Jones, Jim.** Juror for 2011 Design Innovation Awards for the Modular Building Institute.

**Kemnitzer, Ron.** Served as jury chair for the 11th Brunel International Awards Competition, an international competition recognizing excellence in design of rail transportation projects, October, 2011.

**Piedmont-Palladino, Susan.** Juror, Annual AIA Design Awards, Dallas Chapter, AIA.

## **Membership on Local and Regional Boards and Advisory Committees**

**Kathryn Albright** served as Treasurer and Board member of the **Friends of the Farmers' Market**, Blacksburg, VA.

**Clements, Terry**. Member, Capital Square Preservation Council, appointed to three-year term by the Governor.

**Clements, Terry**. Member, Virginia Outdoor Plan 2012 Technical Advisory Committee, appointed by the Secretary of Natural Resources to assist in review and development of resources sections.

**Dunay, Donna**. Arts and Cultural District Committee, Town of Blacksburg, Virginia.

**Dunay, Donna**. Townscape Committee, Town of Blacksburg, Virginia.

**Dunay, Donna**. Sixteen Squares ad hoc Study Committee, Town of Blacksburg, Virginia.

**Dunay, Donna**. Downtown Revitalization Committee, Town of Blacksburg, Virginia.

**Feuerstein, Marcia**. Member, Board of Directors, Laba-Bartineff Institute of Movement Studies.

**Miller, Patrick**. Board Member, Friends of the Farmer's Market, Blacksburg, VA.

**Miller, Patrick**. Townscape Committee, Town of Blacksburg, Virginia.

**Miller, Patrick**. Member, Viewshed Committee, Scenic Virginia.

**Miller, Patrick**. Member, Advisory Committee, Roanoke Regional Preservation Office.

**Piedmont-Palladino, Susan**. Advisor, Green Exhibition Project, Oregon Museum of Science and Industry (OMSI)

**Piedmont-Palladino, Susan**. Board member, Green Hive Foundation, Los Angeles, CA

**Piedmont-Palladino, Susan**. Member, Sheridan-Kalorama Historic Association.

**Schubert, Robert** (chair) and **Bert Rodriguez**. Served on the Advisory Committee for the restoration of Richard Neutra's **Rice House** in Richmond, VA.

**Sullivan, Martha**. Member of the Education Committee for the Jacksonville Center for the Arts, a non-profit community arts organization in Floyd, Virginia.

**Tew, Greg**. Environmental Quality and Land Use Committee Member, Town of Blacksburg, Virginia.

**Tew, Greg**. Planning Commissioner, Town of Blacksburg, Virginia. (2008 - July 2011).

## **Regional Community Service/Engagement**

**Albright, Kathryn**. Leader, half-day workshop on August 3, 2011 for a dozen middle-school aged and at-risk youth, DC Higher Achievement Program, <http://www.higherachievement.org/>

**Hilary Bryon.** Blacksburg Bikeway Master Plan, January 2012 - Working with rising fifth year student **Kelly Penick** to provide renderings of proposed bikeway improvements for Priscilla Cygielnik, Assistant Director of Management for the Public Works Department of Blacksburg.

**Clements, Terry.** Faculty Coordinator, Three Community Workshops for development of Conceptual Site Design plans for Norris Garden, a contemplative garden in support of the Hokie Spirit Trail and April 16<sup>th</sup> Memorial.

**Ermann, Michael.** Southwest Virginia Visitors' Center. Working with CDAC, LEED consulting, design for recreation rest stop.

**Frank, Tim.** Montessori Outreach Project, Tall Oaks Montessori School. Recycling program with installation comprised of post-consumer content.

**Grant, Elizabeth.** Luther Memorial Lutheran Church in Blacksburg. Comprehensive health, safety, and energy audit of the church's two buildings. The audit was conducted pro bono by the New River Center for Energy Research and Training, and initial findings were presented at a meeting at the church on April 29, 2012.

**Ishida, Aki.** Visit with 18 students from ARCH 2016 to critique work by StuyArch, a group of high school students making proposal to Japanese Ministry of Education for a school in Sendai area. Stuyvesant High School, New York City. March 16, 2011.

**Jones, Jim.** Design research for a new Sustainability Center in cooperation with Hanover County Schools, VA, assistance in the design of a new "Sustainability Center" as a resource to their curriculum and development of curricula that directly interact with the proposed center

**McGrath, Margarita and Jacobson, Wendy.** Landscape Architecture & Urban Design Studio, "Jefferson Center and West End District." Presentation to Roanoke Planning Commission. Students featured on WDBJ 7 interview, December 2, 2011.

**Miller, Patrick, Wendy Jacobson, James Bassett, Erin Putalik,** and Elizabeth Gilboy, Community Design Assistance Center (CDAC), Charrette for Marion, Virginia 9/11 Twin Tower Beam Memorial, 6 inter-disciplinary teams of 3 undergraduate students each (one each 2nd and 3rd year Architecture, and one 3rd year Landscape Architecture) in a design charrette and presentation to the town of Marion, Virginia of six proposals for the incorporation of a beam fragment from the World Trade Center towers destroyed on September, 11th, 2001 in a memorial to be constructed in Marion, VA.

**Pittman, Hunter.** "Winston-Salem Studio," Spring semester 2012. Architecture & Urbanism Lab designed projects and studied the proposed Theater District in downtown Winston-Salem, NC in cooperation with the Winston Salem Arts Council and Walter Robbs Callahan, Pierce Architects with sponsorship also provided by the Winston-Salem Downtown Partnership, AIA Winston-Salem, and the VT Alumni Association, Triad NC.

### **Outreach Publications**

Swiss Architecture Writers, Including: Heinrich Wölfflin, Sigfried Giedion, **Markus Breitschmid**, Le Corbusier, Bernard Tschumi. Hephaestus Books, 2012 [ISBN: 978-1-244662-77-3]

**Ermann, Michael.** "How air conditioning works" video series. Youtube animations - 20,000+ views per month (keyword "professorermann" on Youtube). Based on their quality and popularity, Wiley has requested a proposal to create similar videos for the 12th edition of Mechanical and Electrical Equipment for Buildings (MEEB), Aug. 2011.

**Ermann, Michael.** *Chesapeake Bay Foundation Design Competition*. Published book of competition winners' work.

### **Reports for Professional Groups**

**Clements, Terry** et al. CELA Executive Committee white paper "Response to the ASLA Task Force on Accreditation and Reciprocity Report" (BOT 2011 Annual Meeting Agenda Item #12). October 25, 2011.

**Clements, Terry** et al. CELA Executive Committee white paper, CELA does not support the ASLA recommendation to change the charge of the LAAB, spring 2012.

**Dunay, R., J. Wheeler, and A. Balster.** *SOM/CDR: Industrial Fabrication, Energy, and the Urban Dwelling*, Virginia Tech, 68 pp., Mar 2012.

### **Outreach Presentations**

**Grant, Elizabeth.** Presentation: "Green Roofs are Growing in Blacksburg," Blacksburg Sustainability Week, September 24, 2011.

**Rott, Hans.** Lecture to Honors Program at Radford University: "Commonalities and Diversities of Western European Culinaria."

**Wheeler, J. and C. Clark.** Roanoke Regional Housing Symposium, "Accessible Design of the Crawford Smith Residence," Vinton War Memorial, Vinton, Virginia. May 2011.

### **Outreach Exhibitions**

**Dunay, Donna, Helene Renard, and Kay Edge.** *For the Future: Pioneering Women in Architecture from Japan and Beyond In Celebration of 25 years of the IAWA*. Exhibition in conjunction with UIFA Japan, at the Architectural Institute of Japan (AIJ), Tokyo. The exhibition was then mounted at the 24th World Congress of Architecture, 2011 UIA (International Union of Architects) at the Tokyo Forum. *For the Future* was mounted at two additional Tokyo galleries. *For the Future* is projected to be a worldwide traveling exhibition. Future venues: Seoul, Korea, Mongolia, Moscow, Yale University.

**Pittman, Hunter.** "Winston-Salem Studio," Spring semester 2012, Architecture & Systems Lab, Final exhibition, Milton Rhodes Arts Center, Winston-Salem, NC, May 2 – June 2, 2012.



## Contributions to Diversity

The School of Architecture + Design continues to participate in the **Multicultural Academic Opportunities Program (MAOP)**, during the summer, as well as during the academic year.

**Marcia Feuerstein** served as a faculty advisor for the **McNair Scholars** program.

The School continued to provide support for the Virginia Tech Chapter of the **National Organization of Minority Architecture Students (NOMAS)**.

The **International Archive of Women in Architecture (IAWA)** is a center within the School of Architecture + Design. The mission of the IAWA is to document the history of women's involvement in architecture, interior and industrial design, landscape architecture, urban design and planning, architectural history and criticism, and the records of women's professional organizations. Prof. **Donna Dunay**, serves as Chair of the IAWA Board of Directors and Director of the IAWA Center; Prof. **Helene Renard** serves as Secretary and Editor of the IAWA Newsletter, and Prof. **Kay Edge** serves as Treasurer. Other Board of Advisors members: Kathryn Anthony, University of Illinois-Champaign Urbana; KC Arceneaux, Research Consultant, Blacksburg, VA; Solange D'Herbez de la Tour, Paris, France; **Jack Davis**, Virginia Tech; Kristine Fallon, Chicago, IL; Ellen Fisher, New York School of Interior Design, NYC; **William Galloway**, Virginia Tech; Lois Gottlieb, San Francisco, CA; Yael Kinsky, Israel; Junko Matsukawa-Tscushida, Tokyo, Japan; Barbara Nadel, NY, NY; O. Sarantsatral, Ulaanbaatar, Mongolia; **Lisa Tucker**, Virginia Tech; Tyler Walters, Virginia Tech. The First *Milka Bliznakov Research Prize* was offered this year by the IAWA. Lindsay Nenchek was selected as the prize recipient. She researched material in the IAWA and offered "Organizing Voices: Examining the 1974 Women in Architecture Symposium, Washington University."

**Ed Dorsa**, Chair, Industrial Design Program, organized a **Black History Month** mini-seminar, with lectures and studio discussion by Chuck Harrison (Feb. 22) and Omar Bailey (Feb. 29) with support from the Office of Diversity and Inclusion at Virginia Tech, the CAUS Diversity Committee, and the College of Engineering Diversity Committee.

**Jim Bassett** served as a faculty mentor for Mykayla Fernandes for the Class of 1954 University Honors Scholarship.

**Jim Bassett** served as an Honors Program mentor for Angela Serna-Geitz for the Austin Michelle Cloyd Honors Scholarship to Promote Social Justice. **Helene Renard** served as an Honors Program Mentor for Barbara Dior Kane, Honors first-year Architecture student, to assist in preparation of the dossier required to apply for the Cloyd Scholarship.

### Diversity-related Research, Scholarship, and Creative Activities:

**Jaan Holt** managed the international design competition for the **Martin Luther King Memorial** in Washington, DC.

**Katen, Brian**. Research on African American landscapes and recreation sites throughout the State. Planning with the Special Collections staff of the Newman Library to establish an online searchable database of African American landscape sites in Virginia.

**McGrath, Margarita**. *feminist practices*. Traveling exhibit that resulted in a published book.