

PAT CRAWFORD

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1. EDUCATION

ARIZONA STATE UNIVERSITY, College of Architecture and Design, Tempe, Arizona.
Ph.D. in Environmental Design and Planning. (2001)

KANSAS STATE UNIVERSITY, College of Architecture and Design, Manhattan, Kansas.
Master's in Landscape Architecture. (1989)

UNIVERSITY OF MISSOURI, College of Agriculture, Columbia, Missouri. B.S. in
Horticulture. (1986)

2. AWARDS & HONORS

National Outreach Scholarship Conference: Outstanding Poster Award. October 2011. E.
Lansing, MI. Transformative Experiences of Study Abroad: Engagement, Instructor-
Led and Immersion Programs. Graham, N. & Crawford, P.

MSU Curricular Service-Learning and Civic Engagement Award. 2010. MSU Center for
Service-Learning and Civic Engagement, Office of the Associate Provost for
University Outreach and Engagement, and the Office of the Vice President for
Student Affairs and Services.

Excellence in Teaching Award. 2010 College of Agriculture & Natural Resources.
Established Teacher.

National Award for Excellence in Design Studio Teaching, 2007, Council of Educators in
Landscape Architecture.

Lilly Fellowship 2004-2005, Michigan State University.

Faculty of the Year 2003, Landscape Architecture Program, Michigan State University.

Phi Kappa Phi Honor Society 1999, Ph.D. Program in Environmental Design and Planning,
Arizona State University.

Distinguished Service Award 1995, Governor's Council on Disability, Missouri.

Research and Planning Merit Award 1995, St. Louis Chapter, American Society of
Landscape Architects, Missouri.

Missouri Rehabilitation Association President's Award 1994, Jefferson City, Missouri.

Governor's Award for Quality and Productivity 1993, Missouri.

Sigma Lambda Alpha Honor Society 1989, Landscape Architecture, Kansas State University.

Tau Sigma Delta Honor Society 1988, Kansas State University.

3. EMPLOYMENT

MICHIGAN STATE UNIVERSITY, Associate Professor, Landscape Architecture; School of Planning, Design & Construction, Fall 2002 to present.

Associate Director, School of Planning, Design & Construction, January 2013-present

Senior Director Bailey Scholars Program, August 2010-March 2013

Tenure received July 2008

ARIZONA STATE UNIVERSITY, Faculty Associate, School of Planning and Landscape Architecture, 1999-2001.

ARIZONA STATE UNIVERSITY, Graduate Associateship for Research. Ph.D. Program in Environmental Design and Planning, 1998-2000.

UNIVERSITY OF ARIZONA, Adjunct Lecturer, School of Planning, Fall 2000.

MISSOURI DIVISION OF STATE PARKS, Landscape Architect, Planning and Development Program, May 1990-July 1998, December 2001-July 2002.

PRIVATE LANDSCAPE ARCHITECTURE CONSULTANT, Business and Residential Design, 1992-1998.

UNIVERSITY OF MISSOURI, Faculty Associate, Parks, Recreation and Tourism Program, Spring 1998.

MISSOURI YMCA, Instructor, Beginning and Advanced Judo, 1990-1998.

KANSAS STATE UNIVERSITY, Assistant Professor, Environmental Design Program, 1989-1990.

KANSAS STATE UNIVERSITY, Instructor, Environmental Design Program, 1987-1989.

FULTON STATE MENTAL HOSPITAL, Horticultural Specialist, Summers 1986-1989.

KANSAS STATE UNIVERSITY, Research Assistant, Women's Studies Program, 1983-1985.

4. SCHOLARLY AND CREATIVE WORK

4.1 ARTICLES PUBLISHED IN PEER-REVIEW JOURNALS

- Graham, N. & Crawford, P. 2012. Instructor-Led Engagement and Immersion Programs: Transformative Experiences of Study Abroad. *Journal of Higher Education Outreach and Engagement*, 16 (3):107-110.
- Partin, S., Burley, J.B., Schutzki, R., & Crawford, P. 2012. Concordance between photographs and computer generated 3D models in a Michigan highway transportation setting. Buhmann, E., S. Ervin, and M Pietsch (eds.) In: Peer Reviewed Proceedings of Digital Landscape Architecture 2012 at Anhalt University of Applied Sciences. Wichmann: 471-482. (Peer-Review)
- Lee, Y & Crawford, P. 2011. A Cross-Disciplinary Exploration of Core Values: A Visual Preference Technique for Stakeholder Input. *Design Principles and Practices: An International Journal* 5:3, 49-64. <http://www.Design-Journal.com>
- Lang, S, Crawford, P., Habron, G., Holmes, V., Johnson, A. & Orth, M. 2010. Evaluating Teaching Excellence across Diverse Disciplinary Units within Agriculture Higher Education. *North American Colleges and Teachers of Agriculture*. 54(1).6-10.
- Crawford, P., Kotval, Z., Rauhe, W., & Kotval, Z. 2008. Social Capital Development in Participatory Community Planning and Design. *Town Planning Review*. 5(5):557-579.
- Loures, L. & Crawford, P. 2008. Democracy in Progress: Using Public Participation in Post-Industrial Landscape (Re)-Development. *WSEAS Transactions on Environment and Development*. 9(4):794-803.
- Crawford, P. & Machermer, P. 2008. Measuring Incidental Learning in a PBL Environment. *Journal of Faculty Development*. 22(2):104-111.
- Machermer, P. & Crawford, P. 2007. Student Perceptions of Cooperative Learning Techniques in Large Classes. *Active Learning in Higher Education* 8(1): 9-30.
- Crawford, P. 2006. Digital Animation as a Participatory Tool for Exploring Community Visions. *Environment and Planning B: Planning and Design* 33:1-4.
- Crawford, P. 2004. Landscape Silent: One-hand-clapping Roars. *Environmental Design Research Association* 35:28-33.
- Crawford, P. & Rauhe, W. 2004. Interconnections of Knowledge: Global and Local Communities of Learning. *Landscape Review* 9(1): 91-94.
- Crawford, P. & Yabes, R. 2000. Public Participation: A Reference Collection. *Social Aspects and Recreation Research* 3:227-237.
- Crawford, P & J. Crabtree. 1998. A Pattern Language with an Attitude: The Americans with Disabilities Act and Outdoor Recreation in Missouri's State Parks. *Environmental Design Research Association* 29:38-46.

- Crawford, P. 1990. The Chilly Classroom in Design Education. *Representation* 2:86-87.
- Crawford, P. & Northup, K. 1989. Nature as a Basis for Design. *Women in Natural Resources* 11 (1):16-17.

4.2 PEER-REVIEW BOOK & PROFESSIONAL DOCUMENT CHAPTERS

- Lu, D., Burley, J., Crawford, P., Schutzki, R. & Loures, L. 2012. Quantitative Methods in Environmental and Visual Quality Mapping and Assessment: A Muskegon, Michigan Watershed Case Study with Urban Planning Implications, *Advances in Spatial Planning*, Ch7. Pgs 1-16. Dr Jaroslav Burian (Ed.), [ISBN: 978-953-51-0377-6], InTech, Available from: <http://www.intechopen.com/books/advances-in-spatial-planning/quantitative-methods-in-environmental-and-visual-quality-mapping-and-assessment-a-muskegon-michigan-> (Peer-Review)
- Crawford, P., Kotval, Z., & Machemer, P. 2011. From Boundaries to Synergies of Knowledge and Expertise: Using Pedagogy as a Driving Force for Change. In *Service-Learning in Design and Planning: Educating at the Boundaries*. T. Angotti, C. Doble, P. Horrigan, Editors. Pg 209-221. . New Village Press: Oakland, CA [ISBN 13 978-1-61332-001-3] (Peer-Review)
- Crawford, P., & Rauhe, W. 2011. Community Design Initiative: Moving Michigan Forward One Community at a Time. IAP2 State of the Practice Report. Thornton, CO: International Association of Public Participation, 171-178. (Peer Review)
- Loures, L. & Crawford, P., 2008. Finding Public Consensus: The Relevance of Public Participation in Post-industrial Landscape Reclamation. *Proceedings of the 1st WSEAS (World Scientific & Engineering Academy & Society) International Conference on LANDSCAPE ARCHITECTURE*, 117-122. [ISBN: 978-960-6766-72-5] (Peer Review)

4.3 BOOK IN PRESS

- Crawford, J.S. & Crawford, P. Orientation and Mobility for Visually Impaired Wheelchair Users. (Text & Video Book, in press). AFB Press.

4.4 ARTICLES IN REVIEW & REVISION WITH PEER-REVIEW JOURNALS

- Crawford, P. & Dalton, R. Making our graduates competitive in the workforce: What soft skills do students, faculty, alum and employers value? *Landscape Architecture Record*.
- Dalton, R. & Crawford, P. International Federation of Landscape Architects. Changing Landscapes in Academia: Helping Landscape Architecture Students Transition from University to Employment. International Federation of Landscape Architects.
- Crawford, P., Lang, S., Fink, W., Dalton, R., & Fielitz, L. Soft Skills: Essentials for Employability of New Graduates" NACTA – North American Colleges and Teachers of Agriculture.

- Crawford, P., Johnson, A., Dalton, R., Brazelton, B. & Hu, S. Montessori Goes to College: A Qualitative Case Study on Incidental Learning. *Journal of Innovative Teaching and Learning*.
- Lang, S., Crawford, P., Millenbah, K., Kassens-Noor, E., Orth, M., & Drake, E. Evaluating Teaching Excellence across Diverse Disciplines and Academic Cultures. *Journal on Excellence in College Teaching*

4.5 BOOK CHAPTERS IN PRESS

- Crawford, P., Machemer, P., Rauhe, W. Illuminating the Terrain of Community Engagement in Landscape Architecture Education. *Going Public: Civic Engagement, the Scholarship of Practice*. Fitzgerald, H. & Burack, C. eds. (Invited: in press)

4.6 DESIGN COMPETITIONS & PEER REVIEW EXHIBITIONS

- Crawford, P. & Dalton, R. 2012. Close the GAP: Envisioning the East River Greenway for 21st Century New York. International Design Competition by d3 and Transportation Alternatives. Juried Exhibition. Mashburn Gallery, University of Houston Gerald D. Hines College of Architecture.
- Crawford, P., Huddas, S., Bulemore, D., & Jones, E. 2008. Landscape Architecture Design Team Leader for ABS's *Extreme Makeover: Home Edition*. LA project manager for Kim Lewis, Art Director, EM:HE, Los Angeles, CA and Bob Schroeder, Mayberry Homes, Lansing, MI. Air Date November 30, 2008.
- Crawford, P., Lee, Y., Rizzolo-Brown, C., & Novak, S. 2008. Green House Design Charrette: Transforming Long Term Care, Top 10 Finalist, (3rd in Urban Design Category) Ideas Institute National Design Competition.
- Crawford, P., Lee, Y., Rizzolo-Brown, C., & Novak, S. 2008. Green House Design. "Live| Connect| Grow| Fly." Exhibition at the American Association of Home and Services for the Aging Conference.
- Crawford, P., Schutzki, R., & Bruch, S. 2004. Daimler Chrysler New World Engine Plant Masterplan. "Sculpting Movement, Restoring Spirit." First Place. DaimlerChrysler Regional Design Competition.
- Crawford, P. 1996. New City Hall Mural Competition. Finalist. Osage Beach, Missouri.
- Crawford, P. 1993. In Search of the Sunset. Third Place, Professional Mixed Media, Columbia Art League Juried Exhibition.
- Crawford, P. 1991. Master Plan for World War II American Memorial National Park, Saipan, Marianna Islands. Finalist. National Park Service Open Design Competition.
- Crawford, P. 1988. Tuttle Creek Marina Master Plan Design. First Place. Kansas Architects and Interior Architects Society Charrette Competition.

4.7 INVITED PLENARY PRESENTATIONS – NATIONAL AUDIENCE

Crawford, P., Lang, S., Fink, W. & Dalton, R. November 2011. San Francisco, CA, Academic Programs Sections – APLU. Soft Skills Analysis: Differences of Stakeholder Perspectives

Crawford, P., Lang, S., & Fink, W. October 2011. Lincoln, NE. University-Industry Consortium. Soft Survival Skills: What Matters?

Crawford, P., Lang, S., Broder, J., Fink, W., Dalton, R. & Fielitz, L. August, 2011. Indianapolis, IN. Association of Public and Land Grant Universities. Comparative Analysis of Soft Skills: What is Important for New Graduates? Perceptions of Employers, Alum, Faculty, and Students.

Crawford, P., Lang, S, Broder, J., Fink, W. Dalton, R, & Fielitz, L. North American AG HR Roundtable, Ag-Careers. August, 2011. W. Lafayette, IN. Influencing the Development of Talent.

4.8 ABSTRACTS & POSTERS PRESENTED WITH PEER-REVIEW FOR LEARNED PROFESSIONAL ORGANIZATIONS & SOCIETIES

Crawford, P. & Dalton, R. Council of Educators in Landscape Architecture. March 2013. Austin, Texas. Making our graduates competitive in the workforce: What soft skills do students, faculty, alum and employers value?

Dalton, R. & Crawford, P. International Federation of Landscape Architects. August 2012. Cape Town, South Africa. Changing Landscapes in Academia: Helping Landscape Architecture Students Transition from University to Employment. (20% acceptance rate).

Crawford, P., Johnson, A., Dalton, R., Brazelton, B. & Hu, S. Great Lakes Conference on Teaching and Learning. May 2012. Mt. Pleasant, MI. Montessori Goes to College: A Qualitative Case Study on Incidental Learning.

Lang, S., Crawford, P. Millenbah, K., Kassens-Noor, E., Orth, M., & Drake, E. July 2012. Miami, Florida. American Society for Horticultural Science. Academic Cultures: Differences In Evaluating Teaching Excellence.

Person, H., Hironaka, J, & Crawford, P. National Outreach Scholarship Conference. October 2011. E. Lansing, MI. Liberty Hyde Bailey Scholars: Learning from the Inside-Out.

Graham, N. & Crawford, P. National Outreach Scholarship Conference. October 2011. E. Lansing, MI. Transformative Experiences of Study Abroad: Engagement, Instructor-Led and Immersion Programs. ** Outstanding Poster Award.

Lang, S., Crawford, P., Dalton, R. & Fielitz, L. American Society for Horticulture Science. October 2011. Waikoloa, HI. Comparative Analysis of Skills Employers Are Looking for In New Graduates: Perceptions of Alumni, Employers, Academics, and Students. HortScience

- Parrott, M. & Crawford, P. American Public and Land Grant Universities. August 2011. Indianapolis, IN. Bailey Scholars: An Experiment in Community Learning
- Kornakova, M, Crawford, P & Machemer, P. Environmental Design Association. May 2011. Chicago, IL.. Elements of Place from the Community's Perspective
- Crawford, P. Council of Educators in Landscape Architecture. March 2011 Los Angeles, CA. An Outcome and Impact Assessment of Community Engagement: A Nine Year Review.
- Lee, Y & Crawford, P. International Conference on Design Principles and Practices February 2011 Virtual Participant, Rome, Italy. A Cross-Disciplinary Exploration of Core Values: A Visual Preference Technique for Stakeholder Input.
- Lang, S., Crawford, P., Machemer, P., and Sterner., G American Society for Horticulture Science. August 2010. Palm Desert, CA. Assessment of Learning on Student Learning Outcomes in Higher Education Programs HortScience 45(8):S245.
- Crawford, P. & Lang, S. American Public and Land Grant Universities. June 2010. State College, PA. Evaluating Teaching Excellence Across Diverse Disciplinary Units within Higher Education.
- Lee, Y. & Crawford, P. Environmental Design Research Association. May, 2009- Kansas City, Missouri. Can We Save Our Seniors?: Design of a New Person-Centered Long Term Care Model.
- Crawford, P. & Rauhe, W. Council of Educators in Landscape Architecture. January, 2009 – Tucson, Arizona, Illuminating the Terrain of Community Engagement in Landscape Architecture Education: 20 Programs in the United States and Canada.
- Machemer, P. & Crawford, P. Council of Educators in Landscape Architecture. January, 2009 – Tucson, Arizona, Incidental Learning in Community-Based Studio Projects: A Comparative Study of Landscape Architecture, Interior Design and Urban Planning Student Perceptions.
- Crawford, P., Williams, T., & Cuthill, M. International Association of Public Participation. August, 2008 – Glasgow, Scotland, IAP2 State of the Practice Report: Building Bridges Interactive Workshop.
- Rauhe, W., & Crawford, P. International Association of Public Participation. August, 2008 – Glasgow, Scotland, Guiding principles for working with small and large communities: Findings from the field.
- Loures, L. and Crawford, P., 1st WSEAS (World Scientific & Engineering Academy & Society) International Conference on LANDSCAPE ARCHITECTURE, June, 2008 - Algarve, Portugal, Finding Public Consensus: The Relevance of Public Participation in Post-industrial Landscape Reclamation.
- Crawford, P., Machemer, P., Kotval Z., Bruch, S. & Fan, P. Erasing Boundaries Symposium: Supporting Communities, Service-Learning in Architecture, Landscape Architecture and Urban Planning. April, 2008 – New York City, NY, From Boundaries to Synergies of Knowledge and Expertise: Using Pedagogy as a Driving Force for Change.

- Machemer, P. & Crawford, P. Association of European Schools of Planning Conference. July, 2007 - Napoli, Italy, Assessing Student Perceptions of Active Learning in a Landscape Planning Curriculum.
- Crawford, P. National Outreach Scholarship Conference. October, 2006 – Columbus, Ohio, Engaging Community Participatory Design through the Kaleidoscope of Landscape Architecture.
- Crawford, P. International Association of Public Participation. November, 2006 – Montreal, Canada, ECEP 7 - Seven Effectiveness Categories for Evaluating Participation.
- Crawford, P. Council of Educators in Landscape Architecture. June, 2006 – Vancouver, Canada, Participation Evaluations of Public Meetings: A Multi-Case Analysis Using Semantic Scales.
- Crawford, P. International Association of Public Participation. October, 2005 – Portland, Oregon, Public Participation Evaluation.
- Crawford, P. Council of Educators in Landscape Architecture. September, 2005 – Athens, Georgia, Creating Places with Animated Community Design Visioning.
- Knaggs, R., Rauhe, W, Whitmore, R., & Crawford, P. National Outreach Scholarship Conference. October, 2005 – Athens, Georgia, Transformation of Community through Outreach and Engagement.
- Crawford, P. Advances in Service-Learning Research. November, 2005 - East Lansing, Michigan, Transforming Knowledge into Dreams: Bringing Together Service Learning, Cooperative Learning and Problem-based Learning.
- Crawford, P. AustralAsia International Association of Public Participation. March, 2005 - Sydney, Australia, Evaluating Community Visioning Public Meetings: Risks or Rewards?
- Crawford, P. Environmental Design Research Association. June, 2004 – Albuquerque, New Mexico, Landscape Silent: One-hand-clapping Roars.
- Crawford, P. Environmental Design Research Association. June, 2004 – Albuquerque, New Mexico, Touching Waters: Confluence of the Missouri and Mississippi Rivers.
- Crawford, P., & Rauhe, W. Council of Educators in Landscape Architecture. June, 2004 – Christchurch, New Zealand, Interconnections of Knowledge: Global and Local Communities of Learning.
- Crawford, P., & Fredrickson, D. National Association of Recreation Resource Planners. May, 2003 – Milwaukee, Wisconsin, Expanding Public Participation on a Limited Budget.
- Crawford, P. World Planning Schools Congress. July, 2001 – Shanghai, China, Evaluating Participation Effectiveness: Missouri State Parks ADA Advisory Committee.
- Crawford, P. Environmental Design Research Association. June, 2001 – Edinburgh, Scotland, Symbology in Planning Communication: A Student Exercise Using Symbols and Cognitive Maps.

- Crawford, P., & Yabes, R. Environmental Design Research Association. June, 2001 – Edinburgh, Scotland, Tartan and Plaid: Weaving Planning and Community Participation.
- Crawford, P., Yabes, R. Association of Collegiate Schools of Planning. November, 2000 – A Planning Education Workbook.
- Crawford, P., & Yabes, R. Social Aspects and Recreation Research: Diverse Challenges of Our Times: People, Products, Places. February, 2000– Tempe, Arizona, Public Participation: A Reference Collection.
- Crawford, P. Designing for the 21st Century: An International Conference on Universal Design. June, 2000 - Providence, Rhode Island, The Impacts of the ADA on Planning and Zoning in the 21st Century: A Study of Conflicting Rights.
- Crawford, P., & Crewe, K. International Association for Public Participation. October, 1999 – Banff, Canada, Shared Design is Universal Design.
- Crawford, P. 51st Scientific Meeting of the Gerontological Society of America. October, 1998 – Philadelphia, Pennsylvania, Modifications of a Public Space to Comply with the ADA: The Impact on the Performance of Older Adults.
- Crawford, P., & Crabtree, J. Environmental Design Research Association. March, 1998 – St. Louis, Missouri, A Pattern Language with an Attitude: The Americans with Disabilities Act and Outdoor Recreation in Missouri's State Parks.
- Crawford, P. Environmental Design Research Association. March, 1998 – St. Louis, Missouri, The Civilian Conservation Corps of the 1930s and the Americans with Disabilities Act of 1990: Two Federal Programs Which Have and Will Shape the Look of Public Parks.
- Crawford, P. Society and Resource Management: Seventh International Symposium: Culture, Environment and Society. May, 1998 – Columbia, Missouri, Environmental Values as They Relate to Voting and Place Attachment.
- Crawford, P., & Crabtree, J. Missouri Parks and Recreation Association. September, 1998 – Kansas City, Missouri, The Americans with Disabilities Act and Outdoor Recreation in Missouri's State Parks.
- Crawford, P. Second International Design Communication Conference. January, 1990 – Tucson, Arizona, The Chilly Classroom in Design Education.

4.9 ABSTRACTS & POSTERS SUBMITTED & ACCEPTED WITH PEER-REVIEW FOR LEARNED PROFESSIONAL ORGANIZATIONS & SOCIETIES

- Crawford, P., Rivera, J., Dalton, R., Malkin, M., Mamayek, C., Nofera, W., Great Lakes Conference of Teaching and Learning. May 2013. Mt. Pleasant, Michigan. Exploring the values and principles of an inclusive learning environment. (accepted).
- Crawford, P. Joint AESOP/ACSP Congress. (Association of European Schools of Planning / Association of Collegiate Schools of Planning). July, 2013. Dublin, Ireland. Community engagement assessment: What is the return on investments? (accepted)

Hironaka, J. & Crawford, P. Consortium for Student Retention Data Exchange, CSRDE, November 2012. San Diego, California. The Liberty Hyde Bailey Scholars Program: A Conduit for Retention, Academic Achievement, and Graduation. (in review)

4.10 PROFESSIONAL PRESENTATIONS & WORKSHOPS

Crawford, P., Lang, S. & Fink, W. February 2012. Lansing, MI. University of Arizona, College of Agriculture and Life Sciences Deans Meeting. Invited Speaker Webinar. Comparative Analysis of Soft Skills Report: Summary.

Crawford, P., Lang, S. & Fink, W. February 2012. Lansing, MI. National Agricultural Alumni and Development Association (NAADA) Virtual Coffee Break. Webinar. Beyond the Discipline: Skills Employers are looking for in New Graduates.

Crawford, P., Lang, S. & Dalton, R. October 2011. Lansing, MI. Michigan Agriculture Teachers Association. Soft Skills for New Employees.

Crawford, P., Lang, S., Millenbah, K., Orth, M., Kassens-Noor, E., & Drake, E.. 2011. Evaluating Teaching Excellence Across Academic Cultures. Michigan State University – Spring Institute. May Poster exhibit.

Crawford, P. 2011. Back to Basics: Site Inventory & Analysis to Improve Design. Great Lakes Trade Exposition: Michigan Nursery & Landscape Association Conference. Grand Rapids, MI. Invited Presenter.

Warren, V., Crawford, P. 2010. 3 Bridges Garden Design Charrette. Michigan Association of Landscape Architecture Conference. Charrette Session Organizer

Lang, S. & Crawford, P. 2010. Evaluating Excellence in Teaching in Agriculture Sciences. Scholarship of Teaching and Learning (SoTL) Symposium. Michigan State University. Poster exhibit.

Hironaka, J., Elshoff, D., Crawford, P., Lang, S., Buhl, M., & Swalva, D. 2010. All Women Have Strengths. MSU Women's Leadership Conference. E. Lansing, MI. Session Presenter.

Crawford, P, Lang, S. & Machemer, T. 2010. Assessment of High Impact Learning on Student Learning Outcomes in Higher Education Science Programs: A Graphic Novel. MSU STEM Education Symposium: A Focus on Life Sciences Education. E. Lansing, MI. Poster exhibit.

Lang, S. & Crawford, P. 2010. Evaluating Teaching Excellence: Effective | Scholarly | Scholarship. MSU's Inaugural SoTL Symposium. E.Lansing, MI

Rauhe, W., Kotval, Z. & Crawford, P. 2009. Place Making and Economic Development, Two Key Elements that go Hand in Hand in Creating an Attractive, Engaging and Successful Michigan. Fall MSU Extension Conference. Poster exhibit.

Kotval, Z., Machemer, P. & Crawford, P. 2008. Brownfield Design Charrette. EPA Brownfield Conference, Detroit, MI. Invited Presenter/Moderator

- Crawford, P. & Rauhe, W. 2007. CommunityScapes: Synergies of Practice and Scholarship in Community Participatory Design. Presentation at the Community Development Research Day: MSU-E.Day
- Crawford, P., & Rauhe, W. 2006. Scholarship Supporting Practice: Practice Supporting Scholarship. Presentation at the Michigan Land Use Summit. East Lansing, Michigan.
- Crawford, P., & Rauhe, W. 2005. Stirring the Imagination: Traverse City and the Small Town Design Initiative. Presentation at the Council of Michigan Foundations. Traverse City, Michigan.
- Crawford, P. 2005. Site Engineering Animated Tutorials for Landscape Architecture. Lilly Fellowship research project summary report.
- Crawford, P., & Rauhe, W. 2005. Evaluating Public Participation Effectiveness: Goals, Effectiveness and Successfulness. Presentation at the Michigan Land Use Summit. East Lansing, Michigan.
- Crawford, P. (ed). 2004. Public Participation Bibliography. Report for the Public Participation Working Group, Environmental Design Association.
- P. Crawford. 2004. Transforming Knowledge into Dreams: MSU Landscape Architecture Program's Community Design Studio. Presentation at the Michigan Land Use Summit. East Lansing, Michigan.
- Crawford, P., & Rauhe, W. 2004. The Small Town Design Initiative: Visions into Reality. Presentation at the Michigan Land Use Summit. East Lansing, Michigan.
- Crawford, P. 1996. ADA Compliance for Title II Recreation Providers: A Case Study of Harry S. Truman State Park. Intensive workshop for the US Army Corps of Engineers Mid-West Regional Conference, Clinton, Missouri.

4.11 PROFESSIONAL REPORTS

- Crawford, P. ed. 2012: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: International Association of Public Participation.
- Crawford, P., Lang, S., Broder, J., Fink, W., Dalton, R. & Fielitz, L. 2012. AgCareers Roundtable /APLU Summit Responses: Soft Skills Survey. White Paper. Washington, DC: Association of Public and Land-grant Universities.
- Crawford, P., Lang, S., Fink, W., Dalton, R., & Fielitz, L. 2011. Comparative Analysis of Soft Skills: What is Important for New Graduates? Washington, DC: Association of Public and Land-grant Universities.
- Crawford, P, Dalton, R & Fielitz, L. eds. 2011: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: International Association of Public Participation
- Crawford, P ed. 2010: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: International Association of Public Participation
- Urban Collaborators. 2009 Revitalizing Neighborhood Retail. Resource Guide Series.

- Urban Collaborators. 2009. Community Assessment Guide – Collecting the Data. Resource Guide Series.
- Urban Collaborators. 2009. Community Assessment Guide – Creating a Vision. Resource Guide Series.
- Lang, S., Crawford, P., Habron, G., Holmes, V., Johnson, A. & Orth, M. 2009. Evaluating Teaching Excellence White Paper. College of Agriculture and Natural Resources Faculty Learning Community.
- Crawford, P., & Williams, T., Hall, K. eds. 2009: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: International Association of Public Participation.
- Crawford, P., & Williams, T., Hall, K. eds. 2008: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: International Association of Public Participation.
- Crawford, P., & Williams, T., eds. 2007: IAP2 State of the Practice Report – Core Values Case Studies. Thornton, CO: (International Association of Public Participation
- Crawford, P. & Rauhe, W. 2007. Survey Report on Illuminating the Terrain of Community Engagement in Landscape Architecture Education.
- Crawford, P. 2005. Lilly Fellowship Reflections Documentary. Video report for the Michigan State University Lilly Fellowship 2004-2005.
- United States Federal Access Board Regulatory Negotiation Committee. 1999. Recommendations for Accessibility Guidelines: Outdoor Developed Areas: Final Report. Washington, DC, Regulation Negotiation Committee 1996-1999: ADA Outdoor Developed Areas.

4.12 PROFESSIONAL DESIGN & CREATIVE WORKS

- Crawford P. 2012-2013. Madison, Indiana. Brownfield Industrial Buildings Adaptive Reuse Plan. EPA, Technical Assistance to Brownfields Communities Program. Kansas State University
- Crawford, P. 2012. Carter Lake, Iowa. Brownfield Site Development Concepts. EPA, Technical Assistance to Brownfields Communities Program. Kansas State University
- Crawford, P. Novak, C. & Dalton, R. 2011-present. Warrior Institute for Rehabilitation and Optimal Conditioning (WIROC) Phase One Planning Team: Master planning and site development. Michigan State University and Lawrence Technological University.
- Crawford, P. 2011. Public Participation: Finding Knowledge and Clarity in Chaos. *The Innovation Journal: The Innovation Journal*. 16(2) article 6. <http://www.innovation.cc>
- Crawford, P & Warren, V. 2010. Ele's Place Final Site Design. Lansing, MI.
- Crawford, P. 2010. Jeffersonville, Indiana Brownfield Site Design. EPA, Technical Assistance to Brownfields Communities Program. Kansas State University
- Crawford, P. & Kotval, Z. 2010. Brattleboro Retreat Farm Redevelopment Design Concepts & Assessment. Brattleboro, Vermont.

- Novak, C. & Crawford, P. 2010. Hawk Valley Bird Sanctuary Visioning Charrette. Michigan Audubon Society. Lansing, MI.
- Crawford, P. 2009. Sugar Loaf Area, Leelanau County Community Visioning Design Scenarios. EPA, Technical Assistance to Brownfields Communities Program Kansas State University.
- Crawford, P., Huddas, S., Bulemore, D., & Jones, E. 2008. Landscape Architecture Design Team Leader for ABS's *Extreme Makeover: Home Edition*. LA project manager for Kim Lewis, Art Director, EM:HE, Los Angeles, CA and Bob Schroeder, Mayberry Homes, Lansing, MI.
- Crawford, P. IAP2. 2008. Cover Art for *Painting the Landscape A Cross-Cultural Exploration of Public-Government Decision Making*. A joint research project with IAP2 and the Kettering Foundation.
- Crawford, P. & Danny Bulemore. 2008. Colon Community Park Community Participation and Final Master Plan. Colon Community Center Board.

5. GRANTS and CONTRACTS

Redacted. plc

6. TEACHING ACTIVITY

6.1 COURSES: Michigan State University

State Park Design Study Away Section 701 (PDC 991/491, 3 credits, off-campus).

School of Planning, Design & Construction Interdisciplinary field design experience with Michigan State Parks. (11 students) Spring 2012. (8 students) Fall 2012.

Design Development Studio (LA 345, 5 credits (2-6)). Landscape Architecture Upper division studio focusing on design details as a link between design and construction. 8 week on campus, combines with section 750 study abroad. (16 students) Spring 2012

Planning & Design Digital Graphics (PDC 120, 2 credits (on-line)). School of Planning, Design & Construction On-line entry level digital graphics course open to all university students. Includes Adobe Creative Suite programs, Sketchup and Adobe Acrobat. Pilot test learning units Fall 2010 (35 URP students), Summer 2011 first on-line offering (32 students). Spring 2012 (64 students). Summer 2012 (19 students). Spring 2013 (39 students). Summer 2013).

Advance Graphic Design II Section 750 (LA 420, 4 credits (1-6)). Landscape Architecture. Fourth year senior methods studio focus on 3-D visualization in the design process. Section 750 includes Study Abroad trip (21 students). Spring 2010.

Landscape Architecture Field Studies (LA 390, 3 credits (3-0)). Landscape Architecture. **Study abroad** place studies integrated into the 4th year senior curriculum. First half:

Pat Crawford, March 8- April 5, England & Scotland. Second half, Duane Mezga: April 6- May 3, France, Germany & Italy (21 students). Spring 2010.

Community Design Studio I (LA 443, 5 credits (2-6)) Landscape Architecture Program. Fourth year undergraduate design studio course exploring community-based design with problem-based, service learning and integrated computer applications (average class size 24). Fall 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009.

Environmental and Ecological Applications in Urban Environments. (LA 494, 4 credits (4-0)) Landscape Architecture Program. *Student requested special topics course*. Fifth year senior seminar exploring the application of environmental and ecological concepts, theories, and approaches in urban landscapes. Co-taught with Dr. Machemer. (8 students). Spring 2009.

Site Construction Materials and Methods (LA 330, 4 credits (2-4)) Landscape Architecture Program. Undergraduate construction studio course exploring materials and site grading for landscape architecture and horticulture students. Two labs, co-taught with Dr. Bruch. (average class size 45). Spring 2007.

Site Engineering (LA 331, 4 credits (2-4)) Landscape Architecture Program. Third year undergraduate construction studio course exploring civil engineering through problem-based learning (average class size 26). Spring 2004, 2005, 2006.

Visual Communication and the Design Process (UP 324, 4 credits (2-4)) Urban and Regional Planning Program. Fourth year undergraduate design studio introducing design principles to planners using experiential learning and computer applications (average class size 28). Fall 2003, 2004, 2005, 2007.

Urban Design and Project Development (UP 834, 3 credits (2-4)) Urban and Regional Planning Program. Second year graduate design studio introducing design principles to planners using experiential learning and computer applications (average class size 12). Fall 2003, 2004, 2005, 2007.

Senior Research Seminar (LA 492, 3 credits (4-0)) Landscape Architecture Program. Fifth year undergraduate course exploring the intersections of research and evidenced-based design (class size 23). Spring 2003.

6.2 COURSES: Other Institutions

Graphic Communications (2 sections, 3 credits each) Arizona State University, Tempe, Arizona: School of Planning & Landscape Architecture. First year undergraduate graphic studio for landscape architecture, planning and housing & urban development declared majors (average class size 40 each in 2 studio sections). Fall 1999, 2000, 2001.

Planning Theory and Perspectives (3 credits) University of Arizona, Tucson, Arizona: School of Planning. First year graduate seminar exploring planning theory and applications to practice (class size 20). Fall 2000.

Physical Planning for Park and Recreation Facilities (2 credits) University of Missouri, Columbia, Missouri: Parks & Recreation Program. Senior undergraduate seminar

course exploring physical planning principles for park and recreation facilities (class size 26). Spring 1998.

Drawing and Visual Perception 1 (3 credits) Kansas State University, Manhattan, Kansas: College of Architecture & Design. First year design studio course for architecture, interior architecture and landscape architecture declared majors exploring pen and ink free hand site drawing (average class size 18). Fall 1987, 1988, 1989.

Drawing and Visual Perception 2 (2 sections, 3 credits each) Kansas State University, Manhattan, Kansas: College of Architecture & Design. First year design studio course for architecture, interior architecture and landscape architecture declared majors exploring free-hand constructed perspective and color pencil rendering (average class size 18). Spring 1988, 1989, 1990.

Drafting (3 credits) Kansas State University, Manhattan, Kansas: College of Architecture & Design. First year design studio course for architecture, interior architecture and landscape architecture declared majors exploring mechanical drafting (average class size 18). Fall 1987, 1988, 1989.

Environmental Design Studio I (4 credits) Kansas State University, Manhattan, Kansas: College of Architecture & Design. Second year design studio course for architecture, interior architecture and landscape architecture declared majors exploring small scale design projects across all three disciplines (average class size 18). Spring 1989, 1990.

6.3 FACULTY ADVISOR FOR PROJECTS WINNING STUDENT AWARDS

International Student Suburban Park Design Competition 2010. Park Pride 9th Annual Parks and Greenspace Conference. Honorable Mention. Free to Be You and Me. Alex Fenich, Molly Baes and Lindsey Hankwitz.

International Student Design Competition: Buckhead Neighborhood Park 2009. Park Pride 8th Annual Parks and Greenspace Conference. Honorable Mention. Path to the Summit. Wes Landon, Bob Dompierre, Sara Pachota and Dustin Higbee-Corr. Faculty Advisor.

Campus Compact 2007: Student Community Action Fund (SCAF) Grant. Lansing Home Renovation Service Learning Project. M. Repella. Faculty Leader (\$200). Funded.

American Society of Landscape Architects National Student Competition 2003: Design Commendation Award. A Sound Experience. M. Gumbis, T. Hunter. Faculty Advisor.

American Society of Landscape Architects National Student Competition 2003: Design Commendation Award. Echo. S. Mohr, T. Norder. Faculty Advisor.

6.4 GRADUATE STUDENTS

Jack McDonough (current), Master of Environmental Design, chair
Robert Dalton (current), Master of Environmental Design, chair

Janelle Bouchard (2012), Master of Environmental Design, chair
Yiwei Lu (2011), Master of Environmental Design, chair

Wenda Nofera (current), Ph.D Construction Management, member
Yuemin Jin (current), Master of Environmental Design, member
Shawn Partin (2011), Master of Environmental Design, member
Di Lu (2011), Master of Environmental Design, member
Maria Kornakova (2011), Master of Urban Planning, member
Eunice Chenge (2010), Master of Environmental Design, member
Erica Fiasky (2009), Master of Urban Planning, member

6.5 UNDERGRADUATE STUDENTS

PROFESSORSORIAL ASSISTANT

Laura Fielitz, 2010-2011, 2011-2012

INTERNATIONAL STUDENT

Anna Houser Fall 2011

CANR UDERGRADUATE RESEARCH PROGRAM

Michelle Leepke 2009-2010

Laura Fielitz, 2012-2013

6.6 BAILEY SCHOLARS

STUDENT DIRECTORS

Lashawnta Berry, Fall 2012,

Meghan Parrott, Spring 2012,

Katie Watkins, Fall 2011,

Dan Royal, Spring 2011,

Megan Buhle, Fall 2010,

Interdisciplinary Studies – Community Relations

Anthropology

Natural Resources

Engineering

Biosystems & Agricultural Engineering

GRADUATE FELLOWS

2012-2013

Rob Dalton,

Master in Environmental Design

Carla Dams,

Ph.D. in Neuroscience

Michelle Malkin,

Ph.D. in Higher Adult Learning & Education

Chae Mamayek,

Master in Criminal Justice

Wenda Nofera

Ph.D. in Construction Management

Jack Washington,

Master in Human Resources and Labor Relations

2011-2012

Blue Brazelton,

Ph.D in Higher Adult Learning & Education

Rob Dalton,

Master in Environmental Design

Kamahra Ewing,

Ph.D. in African American Studies

Adrienne Hu,

Ph.D in Math Education

Amber Johnson,

Ph.D in Special Education

Molly Tamulevich, Master in Community, Agriculture, Recreation, Resource Studies

2010-2011

Natalie Graham,	Ph.D in American Studies
Reg Motley,	PhD in Higher & Adult Education
Natalie Caseldine-Bracht,	PhD in Philosophy
Luke Plonski,	PhD in Language Studies
Robert Brown,	Master in Higher & Adult Education
Brianna Ziegler,	Master in Community, Ag., Recr. & Resource Studies

7. OUTREACH AND ENGAGEMENT WITH STUDENT PRODUCTS AND PRESENTATIONS

Saginaw Chippawa Tribal College Masterplan. 2012 - 2013.

DNR/MSU Michigan State Parks Partnership. 2011-present.

RAM Center Master Plan. 2012.

Cambridge Junction Historic Site Master Plan. 2012.

Ag Hall Re-Design student project. 2009. (Sept) With CANR Sr Asoc Dean, Campus Planning, Physical Plant, Horticulture, & Landscape Services. Faculty Coordinator.

Ele's Garden student design service project. 2009-2010. Ele's Place, Lansing MI. With SPDC & Horticulture. Faculty Coordinator.

Hillsdale Community Visioning student project. 2009 STDI/CDI. Faculty Coordinator.

Jonesville Community Visioning student project. 2009 STDI/CDI. Faculty Coordinator.

Logan Center Brownfields International Student Design Charrette. 2008. Dortmund, Germany Study Abroad Program. Faculty Coordinator.

Saginaw Community Visioning student project. 2008. Small Town Design Initiative / Community Design Initiative (STDI/CDI). Faculty Coordinator.

Colon Community Park Master Plan student project. 2007. Colon Community Center Board. Faculty Coordinator.

Northport Community Visioning student project. 2007. STDI/CDI. Faculty Coordinator.

Lansing Home Renovation Service Learning volunteer student project. 2006-2007. Lansing Board of Realtors. Faculty Coordinator.

Manistee County Community Visioning student project. 2006. STDI/CDI. Faculty Coordinator.

Hudsonville Downtown Re-visioning student project. 2005. STDI/CDI. Faculty Coordinator.

Traverse City Waterfront Master Plan student project. 2005. STDI/CDI. Faculty Coordinator.

General Motors Assembly Plant Master Plan volunteer student project. 2004. STDI/CDI. Co-Faculty Coordinator.

Whitefish Bay Scenic Byway Master Plan student project. 2004. National Forest Service, Hiawatha National Forest. Faculty Coordinator.

Okemos Downtown Revitalization Master Plan student project. 2004. STDI/CDI. Faculty Coordinator.

Flint Community Development Master Plan student project. 2003. I-475 Citizens' Development Council. Faculty Coordinator.

Calhoun County Fairgrounds Master Plan student project. 2003. STDI/CDI. Faculty Coordinator.

Nankun, China, Eco-resort Master Plan student project. 2003. EDSA, Florida. Faculty Coordinator.

Village of Douglas Downtown Master Plan student project. 2002. STDI/CDI. Faculty Coordinator.

Walloon Lake Residential Development Master Plan student project. 2002. Walloon Lake Development Corporation. Faculty Coordinator.

Ingham County Conservation Center (ICCC) Site Planning student project. 2002. Superintendent. Faculty Coordinator.

8. UNIVERSITY & PROFESSIONAL SERVICE

8.1 UNIVERSITY / COLLEGE SERVICE

Autism, Intellectual Disability and other Neurodevelopmental Disabilities, MSU Cross College Working Group, Member, 2013 – present.

Native American Institute Advisory Board (NAI), Member, 2012-present

CANR Scholarship Across the Mission Committee, 2011-present

CANR Faculty Development Advisory Committee, 2011-present

CANR Excellence in Teaching Committee, Member, 2010-present

CANR Curriculum Revitalization committee, professional programs working group chair, 2011-2012

MSU Evaluating Teaching Excellence Across Academic Cultures Learning Community Co-Chair. 2009-2010.

MSU Teacher-Scholar Award Committee, Member, 2009.

CANR Teaching and Academic Policy Committee, Member, 2009-2012.

MSU Jurisdictional Appeals Panel, Faculty Grievance Office, Member, 2009.

CANR Undergraduate Research Program Committee, Member, 2008-2010.

CANR Teaching Excellence, Evaluating Teaching Faculty Learning Community Co-Chair, 2008-2009.

University Undergraduate Research and Arts Forum. Faculty Judge. 2009.
Urban Collaborators Resource Team: MSU-E. Member. 2008-2009
Grandparents University. Session: Build A Community. With P. Machemer. 2007, 2008.
Lilly Fellowship Kick-off Retreat Speaker. Auburn Hills, Michigan. 2005.
Community Vitality Program Speaker Series, Organizer for Bliss Brown. 2005.

8.2 SCHOOL / DEPARTMENT SERVICE

Landscape Architecture Self-Evaluation Report & Accreditation Review. Co-Facilitator.
2011-2012.
CARRS Undergraduate Curriculum Committee, Member, 2010-2011.
Faculty Mentor, SPDC. 2011-present.
Bachelor of Landscape Architecture / Master of Environmental Design Joint Degree
(BLA/MED) Curriculum Development 2007-2011.
Promotion & Tenure Candidate Review Committee, Chair. 2009
SPDC Scholarship across the Mission; Faculty Engagement and Document Preparation.
2009.
Landscape Architect for *Extreme Makeover: Home Edition Episode 609*. Lansing, MI.
SPDC Coordinator. 2008.mak
SPDC Undergraduate Affairs and Curriculum Committee. Chair- two terms, 2007-2009;
2009-2010
majorCHANGES: Engaging Students & Faculty in Undergraduate Curriculum Development.
Integrative Participatory Event 2008.
SPDC Technology Committee. Chair, 2008-2009, Co-chair 2009-2010.
SPDC Web Image and Content Survey: Students, Faculty & Alum. 2008.
Landscape Architecture SPDC, Teaching Vision Committee. 2007.
SPDC Faculty Advisory Committee. 2006-2007.
SPDC Strategic Planning Committee. 2007.
SPDC Program Mentoring Committee. 2006.
Interior Design SPDC, Search Committee for two positions. 2005.

8.3 PROFESSIONAL SERVICE

Land Use Policy Journal. Elsevier. Peer-reviewer. 2013.
Sage Open. Sage. Peer-reviewer. 2013
International Association of Public Participation, State of Practice Report. Chief Editor
2008-2012.

APLU-Association of Public & Land-grant Universities Summit Planning Committee.
Member. 2010-2011

International Association of Public Participation, Research Committee. Co-Chair. 2007-2010.

IAP2 Member Engagement Focus Groups: Re-Organization Webinar 8 Part Series. Co-host with IAP2 Executive Asst, Sydney Australia and Maze Consulting, AB, Canada. 2010.

Council of Educators in Landscape Architecture Conference. Design education, pedagogy & engagement track reviewer. 2012, 2010, 2009, 2008, 2006.

Environmental Design Association Conference. Peer Reviewer. 2012, 2010, 2004, 2003

Erasing Boundaries, 2nd Annual Conference. Peer Reviewer. 2010

Bi-Annual Big Ten and Council of Educators of Landscape Architecture (CELA) Region 5 Design Charrette Competition. E. Lansing Michigan. Jury Steward 2009, 2007; Jurist 2003.

Journal of Planning Education and Research. Peer Reviewer. 2009.

Community Economic Development Plan (CEDs) for the US Virgin Islands. Team Member. 2008.

International Journal of Public Participation. Research Submissions Peer Reviewer. 2007.

International Association of Public Participation Conference, Montreal, Canada. Research Sub-Committee Chair. 2006.

Michigan ASLA, Landscape Architecture Registration Exam Review, Design Section. 2005 & 2003.

Context Sensitive Design and Public Participation. Michigan Department of Transportation. Working Group. 2004.

8.4 LICENSURE

Landscape Architecture License 1992 to present, State of Kansas.