

ANTHONY FAIOLA, M.F.A., PH.D.

CURRICULUM VITAE

EDUCATION

- A.A. 1972 State University of New York, Finger Lakes Community College, Canandaigua, NY.
Department of Fine Arts, Area: General Studies.
- B.F.A. 1975 State University of New York at New Paltz, NY.
Department of Fine Arts, Area: Printmaking: Lithography and Drawing.
- Abroad 1976 University of Urbino, Italy (Studied in two programs).
Department of Language and Stamperia (Printmaking) Ellera Studios.
Affiliation: The Academy of Fine Arts, Urbino, Italy.
- M.A. 1977 State University of New York at Albany, NY. (*summa cum laude*)
Department of Fine Arts, Area: Printmaking: Lithography and Drawing.
- M.F.A. 1979 The Ohio State University, Columbus, OH. (*summa cum laude*)
Department of Fine Arts, Area: Experimental Media.
Thesis: *The Transient Object: A Look at Contemporary Thinking and Issues*.
- M.A. 1984 The Ohio State University, Columbus, OH.
Department of Industrial Design, Area: Visual Communication / Interface Design.
Thesis: *Graphic Interface Design for Interactive Educational Systems*.
- Ph.D. 2005 Purdue University, West Lafayette, IN.
Department of Communication,
Area: Computer-Mediated Communication (Human-Computer Interaction)
Dissertation: *Cross-cultural Cognition and Online Information Structure*.

ACADEMIC APPOINTMENTS

- 1976— 77 Graduate Teaching Assistant, Department of Fine Arts, SUNY, Albany, NY.
- 1977— 79 Graduate Teaching Associate, Department of Fine Arts, The Ohio State University,
Columbus, OH.
- 1982— 83 Graduate Research Associate, Department of Industrial Design, The Ohio State
University, Columbus, OH.
- 1990 Lecturer, Technology Program, Lakeland Community College, Mentor, OH.
- 1991 Lecturer, Technology Program, Lorain Community College, Lorain, OH.
- 1998— 01 Assistant Professor, Department of Computer Graphics Technology (Area:
Interactive Multimedia Design & Usability), School of Technology, Purdue
University, West Lafayette, IN.
- 2001— Associate Professor, School of Informatics, Indiana University, IUPUI, New Media
Program & Human-Computer Interaction Graduate Program, Indianapolis, IN.
- 2002— Associate Director, School of Informatics, Indiana University, IUPUI, Human-
Computer Interaction (HCI) Graduate Program, Indianapolis, IN.
- 2005— Adjunct Associate Professor, School of Engineering and Technology, Purdue
University, IUPUI, Indianapolis, IN.

FULBRIGHT SCHOLAR APPOINTMENTS (*In Russia: St. Petersburg & Moscow*)

- 1999-00 Fulbright Scholar, Department of Engineering & Computer Graphics, St. Petersburg Institute of Information Technology & Optics, St. Petersburg, Russia (Spring—Winter)
- 2002 Fulbright Senior Specialist, Department of Publishing and Distance Learning, Moscow State University of the Printing Arts, Moscow, Russia (Spring—Summer)
- 2003 Fulbright Senior Specialist, Department of Graphic Arts and Information Technology, Moscow State University of the Printing Arts, Moscow, Russia (Spring—Summer)

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS

Industrial Appointments (*Full-Time & Consulting*)

- 1979 Production Coordinator, Berman Communicators (Advertising), Columbus, OH.
- 1979-1981 Design Coordinator, Bohem Printing Corporation, Columbus, OH.
- 1981-1982 Senior Designer (Cover/Book), Merrill Publishing; Bell+Howell Co., Columbus, OH.
- 1982-1984 Return to Graduate School, Ohio State University, Industrial Design, Columbus, OH.
- 1984-1986 Art Director, Frigidaire & WhiteWestinghouse, Corporate Advertising, Columbus, OH.
- 1986-1991 Art Director & Principle, Crown Communications Consulting, Columbus, OH.
- 1991-1998 Assistant Director, LME Publications & Humanitarian Group, St. Petersburg, Russia.

Consultantships (*Also see: www.interactiondesignplus.com/*)

- 2/2006—Present **Collaboration with:** Co-PI with Simon Hillier, M.D., Associate Professor of Medicine, Director of Critical Care Services, Department of Anesthesiology, Riley Hospital for Children, Indianapolis, IN.
- Research Title (A. Faiola):** Co-PI
- Project Title:** Medical Information Visualization Assistant System (MIVAS) Project.
- Project Description:** Sorting through diverse data from medical devices and database repositories to make patient assessments in a timely fashion is difficult. For expediting patient care, health practitioners require a solution that integrate medical data using data visualization models. Key work: Data visualization studies were designed and tested, with long-term solutions for automated data visualizations.
- Funding:** Solution Center Funding for Prototype Development: \$8, 000.
- 3/2006 **Collaboration with:** David G. Marrero, Ph.D. O. Ritchey Professor of Medicine, Director of the Diabetes Prevention and Control Division and Paris Roach, MD, Department of Endocrinology, IU School of Medicine, Indianapolis, IN.
- Research Title (A. Faiola):** Research Partner

Project Title: Tablet PC Presentation for Diabetic Patients

Project Description: Development of an audio-video presentation for diabetes patients while they are in the waiting room of clinic. Patients receive a Tablet PC that displays the individual's cardiovascular disease risk and therapeutic options. Key work: Working with programmers to develop graphics, visualizations, and overall presentation of statistics and patient data that has visual impact.

Funding: Includes two-fold support: 1) Graduate student funding and 2) Research funding transferred to faculty account for services rendered. The source of the funding comes from an Indiana University Internal Research Support Funds Grant (\$30,000) and an American Heart Association Pharmaceutical Roundtable Award (\$100,000).

4/2006

Collaboration with: Co-PI with Brad Doebbeling (PI), M.D., M.Sc., Professor of Medicine, and Associate Director and Research Scientist, Regenstrief Institute, VA Medical Center, Indianapolis, IN.

Research Title (A. Faiola): Co-PI

Project Title: Usability and Adaptation of a Decision Support Tool for Improving Patient Handoffs

Project Description: At the Indianapolis VAMC, the computerized Patient Handoff Tool (PHT) generates a handoff form by extracting patient data from the Computerized Patient Record System (since 1998). This project consists of assessing current interface and interaction design components of CAIRO (hand-off system), including system usability. Key work: This rapid response project includes a usability evaluation and re-design of an existing handoff system tool targeted for widespread dissemination by the VA National Center for Patient Safety (NCPS).

Funding: Includes two-fold support – 1) Graduate Research Assistantship funding (\$6000) and 2) Co-PI funding (\$3000). Total Grant: \$30,000.

2/2007—Present

Collaboration with: Co-PIs: A.M. McDaniel (School of Informatics), PhD, P. Helft, MD, C. Given, PhD, B. Given, PhD (Indiana University, Schools of Medicine)

Research Title (A. Faiola): Research Collaborator

Project Title: Collaborative Cancer Control Initiative: A Web Portal for Linking IUCC Patients, Clinicians, and Researchers

Project Description: The purpose of this project is to establish a secure web portal for Indiana University Cancer Center (IUCC) patients and families to serve as a platform for translation of evidence-based cancer control behavioral interventions. A nationally recognized strength of Cancer Prevention and Control Program (CP & CP) at IUCC and within the Mary Margaret Walther Program (MMWP) is the incorporation of technology into research. Although

countless Web sites exist that address consumers' questions about cancer prevention and treatment, the information is often without a strong research base and can be difficult to interpret. The web portal proposed in this letter of intent, the Indiana Cancer TRAIN (Translating Research – Answers and Information Network), will provide a framework for online access to previously tested interventions or to test new research interventions for cancer patients and families.

Funding: Includes two-fold support – 1) PhD Graduate Research Assistantship Support for two years and 2) Collaborator Support: (\$75,000). Total Grant: \$250,000 for two years.

1/2007—Present

Collaboration with: Donald Orr, MD, Indiana University, Schools of Medicine

Research Title (A. Faiola): Research Collaborator

Project Title: Diabetes PC Application for Adolescents

Project Description: Design, development and testing of a tablet PC tool that educates adolescent diabetics on the dangers of hyperglycemia, particularly when driving.

Funding: Includes two-fold support – 1) Student Research Support: \$11,000; 2) Research Collaborator Support: (\$11,000). Total Grant: \$38,000.

9/2006—3/2007

Collaboration with: Alexander E. Voiskounsky, Psychology Department, Moscow M.V. Lomonosov State University, Moscow, Russia

Research Title (A. Faiola): Research Collaborator

Project Title: Flow Experience of MUD Players: Investigating Multi-User Dimension Gamers from the USA

Project Description: The purpose of this initial project is to study the cross-cultural behavior of international MUD (Multi-User Dimensions or Multi-User Dungeons, or Multi-User Domain) gamers. Playing MUDs, text-only online gaming environments, may initiate flow experience. Online survey research was administered within the sample population of 288 MUD players from the United States of America, using the specially designed questionnaire with four categories of questions related to: flow experience, experience in playing MUDs, interaction patterns, and demographics. The set of dimensions describing flow experience while playing MUDs was selected. Since players experienced flow while MUDDing, it was proposed that flow is one of the sources of the long-time attractiveness for MUD players. Ongoing research will observe the online role-playing behavior of four gaming communities: Russian, Chinese, French, and American (U.S.) speaking players.

Funding: No funding required.

PROFESSIONAL & ACADEMIC ORGANIZATIONS (*Regular Membership for all.*)

1999—Present	Fulbright Association (Fellow)	(FA)
2001—Present	ACM Special Interest Group—Computer-Human Interaction	(SIGCHI)
2001—Present	Usability Professionals Association	(UPA)
2002—2005	International Association of Cross-Cultural Psychology	(IACCP)
2002—2005	Industrial Designers Society of America	(IDSA)
2005—Present	International Communication Association	(ICA)
2006—Present	American Educational Research Association	(AERA)

HONORS AND AWARDS

1976	Teaching Associateship, Department of Fine Arts, SUNY Albany, NY
1977	Summa Cum Laude: M.A. [4.00] The Ohio State University, Columbus, OH.
1977	Teaching Associateship, Department of Fine Arts, The Ohio State University, Columbus, OH.
1979	Summa Cum Laude: M.F.A. [4.00] The Ohio State University, Columbus, OH.
1983	Columbus Society of Communicating Arts, Columbus, OH.
1983	DESI Graphic Design Award, New York.
1983	Printing Industry of America Award
1983	PRINT Magazine Annual Design Award, New York.
1983	Phi Beta Kappa Nominee, The Ohio State University, Columbus, OH.
1983	Research Associateship, Department of Industrial Design, The Ohio State University
1984	Summa Cum Laude: M.A. [3.90] The Ohio State University, Columbus, Ohio.
1984	Printing Industry of America Award.
1984	PRINT Magazine Annual Design Award, New York.
1984	DESI Graphic Design Award, New York.
1984	National Composition Association, New York.
1984	Chicago Book Clinic, 35th Annual Design Award, Chicago.
1999	Fulbright Scholarship to Russia
2000	Distinguished Alumni Award, SUNY Finger Lakes Community College, Canandaigua, NY.
2001	University of New York Alumni Honor Roll, Albany, NY.
2002	Fulbright Scholarship to Russia
2003	Indiana University Board of Trustees Excellence in Teaching Award, Indianapolis, IN.
2003	Fulbright Scholarship to Russia
2004	Who's Who Among America's Teachers, Nominated Honor
2005	Summa Cum Laude: Ph.D. [3.92] Purdue University, West Lafayette, IN

TEACHING ASSIGNMENTS (Course *Developed or **Re-developed.)

COURSE #	COURSE TITLE	SEMESTER	YEAR	# STUDENTS
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Purdue University Teaching Assignments

CGT115	Intro to Technical Illustration	Fall	1998	37
CGT203	Publishing: Page Layout and Design	Fall	1998	30
CGT203	Tech Graphics Lab	Fall	1998	11
CGT203	Tech Graphics Lab	Fall	1998	17
CGT203**	Publishing: Page Layout and Design	Spring	1999	30
CGT103	Publishing: Basic Techniques	Spring	1999	35
CGT111**	Design for Visualization & Communication	Fall	1999	120
CGT111	Design for Visualization & Communication	Spring	2000	98
CGT111	Design for Visualization & Communication	Fall	2000	45
CGT256*	HCI Theory and Design	Fall	2000	15
TECH519*	Human Factors of Interface Design	Fall	2000	14
TECH519	Human Factors of Interface Design	Spring	2001	8
CGT256	HCI Theory and Design	Spring	2001	40
CGT111*	Design for Visualization & Communication	Spring	2001	92

IUPUI Teaching Assignments

N100**	Introduction to Digital Media Principles	Fall	2001	80
N500	Foundations of Digital Arts Production	Fall	2001	18
N450*	Usability Principles for NM Interfaces	Fall	2001	18
N100	Introduction to Digital Media Principles	Spring	2002	77
N500	Foundations of Digital Arts Production	Spring	2002	18
N450	Usability Principles for NM Interfaces	Fall	2002	22
I300*	Human Computer Interaction (Basics)	Fall	2002	18
N420	Multimedia Project Development	Fall	2002	16
N450	Usability Principles for NM Interfaces	Spring	2003	20
I300	Human Computer Interaction (Basics)	Spring	2003	15
N420	Multimedia Project Development	Spring	2003	22
N450	Usability Principles for NM Interfaces	Fall	2003	16

I300	Human Computer Interaction (Basics)	Fall	2003	16
I590	Human Computer Interaction 1	Fall	2003	13
I554	Independent Study (HCI Project)	Fall	2003	1
N450	Usability Principles for NM Interfaces	Spring	2004	16
I300	Human Computer Interaction (Basics)	Spring	2004	13
I554	Independent Study HCI Group Project	Spring	2004	4
N499	Capstone Experience	Spring	2004	4
N450	Usability Principles for NM Interfaces	Fall	2004	16
I590*	Human Computer Interaction 1	Fall	2004	8
I554	Independent Study	Fall	2004	3
I699	Graduate Thesis / Research	Fall	2004	1
I590*	Prototyping for Interactive Systems	Spring	2005	11
N450	Usability Principles for NM Interfaces	Spring	2005	6
N499	New Media Capstone Research Project	Spring	2005	6
I699	Graduate Thesis / Research	Spring	2005	2
I554	Independent Study	Spring	2005	2
I590	Human Computer Interaction 1 (Sec. 1)	Fall	2005	2
I590	Human Computer Interaction 1 (Sec. 2)	Fall	2005	12
I699	Graduate Thesis / Research	Fall	2005	4
I554	Independent Study (CMC Project)	Fall	2005	5
I590	Prototyping for Interactive Systems	Spring	2006	4
N450	Usability Principles for NM Interfaces	Spring	2006	19
I699	Graduate Thesis / Research	Spring	2006	4
N499	New Media Capstone Research Project	Spring	2006	1
I554	Independent Study (MedPliance Project)	Spring	2006	2
I699	Graduate Thesis / Research	Summer	2006	5
I541	Human Computer Interaction 1	Fall	2006	8
I699	Graduate Thesis / Research	Fall	2006	7
I554	Independent Study (CMC Project)	Fall	2006	7
I543	Usability & Evaluative Methods	Fall	2006	8
I541	Human Computer Interaction 1	Spring	2007	10
I699	Graduate Thesis / Research	Spring	2007	4
I554	Independent Study (CMC Project)	Spring	2007	1
I543	Usability & Evaluative Methods	Spring	2007	9
I699	Graduate Thesis / Research	Summer	2007	12

SUMMARY	Purdue (1997-2001):	8 Different Courses	6 Semesters	592 Students
	IUPUI (2001-2007):	11 Different Courses	14 Semesters	515 Students
	Totals:	19 Courses	20 Semesters	1177 Students

Other Teaching Assignments (Theses, Capstones, Projects,)

HCI Graduate Theses

YEAR OF RESEARCH & GRADUATION	THESES TITLES & SUB-TITLES	STUDENTS
2004-06	Investigating Children's Online Learning Environments: A Study of Children's Digital Libraries	Maira Parveen
2005	Web-Based Management for Email Overload	Chatree Campiranon
2005	Photoware Interface Design for Better Photo Management	Ming-Liang Liu
2005-06	The Effect of Think-Aloud on the Timed Performance of Pairs In Usability Testing	Tim Alton
	Toward a Theory for Online Instructional Design: Evaluating Interaction Design Affects on Pharmaceutical Learners	Melynda Buher
	Affect Index: Testing the Validity of Affective States in Music	Stuart Ough
	Identifying Cross-Cultural Differences of the Emoticon use Between American and Korean Users in Computer-Mediated Communication	Young-Joo Cha
	Exploring Support for Mega-Team Computer-Mediated Collaboration: Providing a Framework for the Dynamic Development of Team Culture	Christine Newlon
	Strains on Human Short-Term Memory and Information Orientation Using Learning Portals: Investigating the Interaction Affects of OnCourse CL	Piyanaat Taksaphan
	Enhancing Web Browser Search Histories: Design and Analysis of Web Page Cloning	Dipankar Roychowdhury
2006	Exploring Contextual Awareness in Computer-Mediated Communication: Facilitating Online Interaction and Inference with Context Information	Heather Wiltse
	Toward a Framework for Human-Centered Software Design: Integrating Human-Computer Interaction Design in the Development Lifecycle	Edgardo Luzcando

Perceived Visual Aesthetics of Emotionally Evocative Web Pages:
An Investigation of Affective Qualities Identified with
Emotional Dimensions Mark Tarrant

Anthropomorphism and Universal Norms of Human Beauty:
A Study of the Facial and Bodily Features of Avatars Robert Green

Improving the Effective Implementation of Business Software:
Evaluation of the Impact of User Acceptance on the Use of
Business Software Tools David Fouts

2007

Enhancing Usability of Commercial Off-the-Shelf Software:
A Cost-Based Ranking Method for the Usability of a Commercial
Off-The-Shelf Data Management Software Package James Fleming

Practical Search Displays: A User-Centric Look into the
Displaying and Retrieval of Search Results Tim Whalen

Transforming the Interactive Experiences of Games for
Entertainment into Games for Learning. Chris Vaulter

New Media Capstone Projects

PERIOD	THESES TITLE	STUDENT
2003-04	TrendVendor: An E-Commerce Web Application Employing Database Programming	Keith Rodewald (Grad)
2005-06	Developing ASP.NET Web Sites Using Visual Web Developer: An Investigation of Painter's Online Library Usability	Dennis Mann (U-Grad)
	Enhancing Student Performance for 3D Modeling Software Learners: A Study of New Media Education	Victor Tanner (Grad)

Special (Student/Faculty) Research Projects

YEAR	SEMESTER	PROJECT TITLE	STUDENT(S)
2004*	Spring	Using 3D Landscapes to Navigate Filespaces	Tim Altom, Mindy Buher, Michael Downey
2004*	Spring /Fall	Cross-Cultural Online Research Tool Design	Edgardo Luzcando
2004*	Summer	PDA Software—Pre-Design Modeling	Maira Parveen
2004*	Fall	Evaluation and Analysis of Task Management Tools: Supporting Task Suspending and Resuming	Piyanaat Taksaphan
2005*	Spring	Visualizing Individual Differences in Web Navigation	Dipankar RoyChowdhury
2005*	Fall	Cross-Cultural Computer Mediated Communication	Heather Wiltse, Chris Newlon, Rob Elliott, Keith Beatty
2005*	Fall	Hibernatable Group Bar for Task Switching and Task Resuming	Piyanaat Taksaphan
2006*	Spring	MedPliance: Medication Compliance Device Design	Saima Zaidi & Gary Cravens
2006**	Summer	Tablet PC Presentation for Diabetic Patients: New Media Design and Usability (<i>In collaboration with the Department of Medicine, Division of Endocrinology and Metabolism; Research in Diabetes Prevention and Education</i>)	Rob Elliott
2006**	Fall	Usability and Adaptation of a Decision Support Tool for Improving Patient Handoffs: A Usability Study of CARIO (<i>In collaboration with the VA Medical Center for Research</i>)	Rob Elliott

* Done as Independent Studies

** Done through grant funding

SUMMARY	<p>Other Teaching & Mentoring Assignments (2004-2006):</p> <p>31 Total Assignments (18 Theses + 3 Capstone Projects + 10 Special Projects)</p>
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PROFESSIONAL SERVICE

Reviewer for Professional Journals

- 2003—Present Behavior & Information Technology (Taylor & Francis Publishing)
- 2003—Present Journal of Management Information Systems (M.E. Sharpe Publishing)
- 2006—Present Interacting with Computers (Elsevier Publishing)

Peer Reviewer for Professional Conferences

- 2003 Human-Computer Interaction International Conference '03, Crete, Greece.
- 2003 Second Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop, Association for Information Systems, Washington, D.C.
- 2004 Third Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop, Association for Information Systems, Washington, D.C.
- 2004 HCI Symposium Information Visualization Conference '04, London, England.
- 2004 Humanizing Technology Colloquium, Tuscany, Italy. 2nd International Conference on New Directions in the Humanities '04.
- 2005 Human-Computer Interaction International Conference '05, Las Vegas, Nevada.
- 2005 Fourth Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop, Association for Information Systems, Las Vegas.
- 2006 HCI Track of the 14th European Conference on Information Systems (ECIS), Göteborg, Sweden.
- 2006 HCI Symposium, IV05, Conference, London, England; Co-Chair with Dennis Groth, Indiana University, School of Informatics.
- 2007 Human-Computer Interaction International Conference '07, Beijing, China; Co-Chair with Alexander Voiskounsky, Moscow State University.
- 2007 HCI Symposium, IV05, Conference, Zurich, Switzerland; Co-Chair with Dennis Groth, Indiana University, School of Informatics.

Conference Program Committee

- 1998 Committee member, GATF/GAERF Teacher Conference, Chicago Technology and Graphic Arts Issues.
- 2001 Graphica'01, San Paulo, Brazil.
- 2003 Second Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop '03, Association for Information Systems.
- 2004 8th Annual Conference on Information Visualization, London, England.
- 2004 Third Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop '04, Association for Information Systems, Washington, D.C.
- 2005 Fourth Annual (SIGCHI) Pre-ICIS HCI/MIS Workshop '05, Association for Information Systems, Las Vegas.
- 2005 9th Annual Conference on Information Visualization, London, England.
- 2006 10th Annual Conference on Information Visualization, London, England.

Chair of Symposiums, Colloquiums, or Session (Administrator within Conference)

- 2003 Human-Computer Interaction International Conference 2003, Crete, Greece, Session Title: HCI Education—New Challenges, Shifts, and Issues.
- 2004 Humanizing Technology Colloquium, Tuscany, Italy. 2nd International Conference on New Directions in the Humanities. Colloquium Title: Human-Computer Interaction, Communication, and Co-Existence: A Blueprint for Humanizing Technology.
- 2004 HCI Symposium, Information Visualization, Conference, London, England. Symposium Title: Visualization and Interaction: Making Information Usable.
- 2005 HCI Symposium, Co-Chair, IV05, Conference, London, England. Symposium Title: Visualization and Interaction Design.
- 2005 Human-Computer Interaction International Conference 2005, Las Vegas, Nevada. Session Title: The Human-Computer Interaction of Information Visualization: Current Research and Education in 2/3-Dimensional Domains.
- 2005 Human-Computer Interaction International Conference 2005, Las Vegas, Nevada. Session Title: Interaction Design Education and Research: Current and Future Trends.
- 2006 HCI Symposium, Co-Chair, IV06, Conference, London, England. Symposium Title: Visualization and Interaction Design.
- 2006 6th Biennial Conference on Cultural Attitudes Towards Technology and Communication, Tartu, Estonia. Session Title: Politics, Media, and Technologies.
- 2007 Human-Computer Interaction International Conference '07.
- 2007 HCI Symposium, IV05, Conference, Zurich, Switzerland.

Special Distinguished Speaker Committee Member

- 2006 CHI, Committee for Development of Criteria for Candidates for the SIGCHI Distinguished Speakers List. (Mary Czerwinski, Chair)

Professional Workshops & Training Conferences (Attended for Curriculum Development Education)

- 1998 Graph Expo, Digital Printing Seminars and Workshop, Chicago. (10/1998)
- 1998 Research Foundation Seminar and Scholarly Writing Workshop, Purdue University. (4/1998)
- 1999 Focus on Learning Workshops, Purdue University. (3/1999)
- 1999 Graph Expo, Digital Printing Seminars and Workshop, Chicago. (10/1999)
- 1999 GAERF, Professional Workshop and Industrial Standards Evaluation, Chicago. (10/1999)
- 2000 Graph Expo, Digital Printing Seminars and Workshop, Chicago. (10/2000)
- 2000 Graphic Arts Educational Seminars, e-Commerce, Internet, Chicago. (10/2000)
- 2001 Patent Writing Workshop, Given by Maginot, Addison and Moore, Patent and trademark attorneys. (10/2001)

International Peer Review Committees

- 2000—2001 International Committee for Graphic Communications, Dharka, India

2006—Present Peer Review Committee for the Fulbright Scholar Commission, Washington, DC. Appointment from the Council for International Exchange Scholars (CIES), in cooperation with the American Council of Learned Societies (ACLS), the Social Science Research Council (SSRC) and the National Academy of Sciences (NAS)

UNIVERSITY SERVICE (Committees & Administrative)

University Committees

2003—04 IUPUI Internal Grants Proposal Review Committee.
2004—05 Fulbright Representative, IUPUI Campus.
2005 University-Wide Technology Committee, IUPUI. (Briefly)
2007—08 Graduate Affairs Committee

School Committees

1999—01 School of Technology, Purdue University, International Programs Committee.
2000—01 School of Food Sciences & Tech., Purdue University, Sci-Media Committee.
2001—02 School of Informatics, IUPUI, Curriculum Committee, Chair, New Media.
2001—02 School of Informatics, IUPUI, Faculty Search Committee, New Media.
2001—02 School of Informatics, IUPUI, Technology Committee, New Media.
2001—02 School of Informatics, IUPUI, Undergraduate Program Committee.
2002—03 School of Informatics, IUPUI, Curriculum Committee.
2002—03 School of Informatics, IUPUI, Faculty Search Committee.
2002—03 School of Informatics, IUPUI, Library Review Committee.
2002—03 School of Informatics, IUPUI, Informatics Online Development Committee.
2002—06 School of Informatics, IUPUI, Graduate Program Committee.
2003—04 School of Informatics, IUPUI, Faculty Search Committee. (New Media Search)
2005 School of Informatics, IUPUI, Faculty Search Committee. (HCI Search)

Department Committees

1998—01 Marketing & Communications Committee, Department of Computer Graphics, Purdue University.
1998—99 Faculty Search Committee, Department of Computer Graphics, Purdue University.

SUMMARY 62 Total Service Activities (43 Professional Services + 19 University Services)

Other Professional Activities

Refereed Teaching Conference Presentations

Faiola, A. (11/8/2001). Understanding usability for new media products: design and testing principles for graphic user interfaces, information architecture, and navigation. Short Course Presentation, Presented at: *Graphica 2001, International*

Conference on Graphics Engineering for Arts and Design, San Paulo Brazil.

Faiola, A. (11/8/2001). Understanding usability for new media products: design & testing principles for graphic user interfaces, information architecture, and navigation. (Two-Day Short Course - via digital media) University of San Paulo, Presented at: *Graphica 2001, International Conference on Graphics Engineering for Arts and Design, San Paulo Brazil.*

Faiola, A. & Rosenbaum, H. (4/21/2002). SIGCHI Forum: Challenges in teaching usability theory and testing for new media and novel interface technologies. *Special Interest Group Forum for Educators of HCI and New Media, SIGCHI '02 Conference.* Minneapolis, MN. (Acceptance rate: 10%)

Faiola, A. (7/10/2003). The Copernican shift: HCI education and the design enterprise. Presented at: *HCI International '03.* Crete, Greece.

Faiola, A. (7/25/2005). The design enterprise: rethinking the HCI education paradigm. Presented at: *HCI International '05,* Las Vegas.

Faiola, A. & Matei, S. (2007). Toward a theory of cultural cognitive design for the web. Anticipated presentation at the annual *Conference of the American Education Research Association, Special Interest Group: Advanced Technologies for Learning.* Chicago, April 9-13, 2007. (Paper Presentation accepted, but was not able to attend conference.)

Invited Teaching Lectures, Workshops, & Presentations

Faiola, A. (5/11-13/1999). Digital publishing in the new millennium. St. Petersburg Institute of Information Technology & Optics, Department of Computer Graphics & Engineering. Midwest Universities Consortium International Association, St. Petersburg, Russia. (Invited afternoon lecture series, initiated by the university.)

Faiola, A. (11/8/1999). Indianapolis Graphic Arts Roundtable: Educators Dialogue, Printing House Craftsman Panel Member. Indianapolis, IN. Presentation of new Printing Management curriculum. (Invited presentation, initiated by the Printers Industry of Indiana - PII.)

Faiola, A. (12/13-30/1999). Preparing the digital designer for future trends & strategies in an info-graphic global society—Part 1. (Visual communication theory and design.) St. Petersburg Institute of Information Technology & Optics (Tech University). Department of Computer Graphics & Engineering, St. Petersburg, Russia. (Fulbright lecture series in the afternoons, Application peer reviewed.)

Faiola, A. (11/6/2000). Indianapolis Graphic Arts Roundtable: Educators Dialogue, Printing House Craftsman Panel Member, Indianapolis, IN. Update presentation of new Printing Management curriculum. (Invited presentation, initiated by the PII.)

- Faiola, A. (6/20/2000). The new media enterprise: the emergence of ePublishing. Moscow State University of the Printing Arts, Moscow, Russia. (Invited lecture, initiated by the university.)
- Faiola, A. (5/8 to 7/23/2000). Preparing the digital designer for future trends & strategies in an info-graphic global society—Part 2. (Human-Computer interaction: user interface design for the Web.) St. Petersburg Institute of Information Technology & Optics. Department of Computer Graphics & Engineering, St. Petersburg, Russia. (Fulbright lecture series and faculty forums in the afternoons, Application peer reviewed.)
- Faiola, A. (5/7-9/2002). New media interface design & usability: design theory & testing for Web products. University of Amsterdam, New Media Dept., Amsterdam, Netherlands. (Invited lecture, initiated by the university.)
- Faiola, A. (5/13/2002). Designing a user-centered Web interface: design, architecture & usability. Delft Technical University, Computer Science Dept., Media Knowledge, Delft, Netherlands. (Invited lecture, initiated by the university.)
- Faiola, A. (5/14/2002). Web usability and international user interfaces: theory, tools, & techniques. University of Bremen, Computer Science Dept., New Media Program, Bremen, Germany. (Invited lecture, initiated by the university.)
- Faiola, A. (5/16/2002). Designing a user-centered Web interface: design, architecture & usability. Art and Design Institute of Berlin, Industrial Design Dept., Berlin, Germany. (Invited lecture, initiated by the university.)
- Faiola, A. (5/16-6/16/2002). eBook Theory: Trends, Definitions, Markets, and Surveys. Moscow State University of the Printing Arts, Department of Publishing and Distance Learning. Moscow, Russia. (Fulbright lecture series as Senior Specialist, Scholarship peer reviewed.)
- Faiola, A. (6/3-5/2002). New media usability: theory and best practices. St. Petersburg Institute of Information Technology & Optics (Tech University), Department of Computer Graphics & Engineering, St. Petersburg, Russia. (Invited afternoon lectures, initiated by the university.)
- Faiola, A. (6/12/2003). New media usability: theory and best practices. St. Petersburg Institute of Information Technology & Optics. Department of Computer Graphics & Engineering, St. Petersburg, Russia. (Invited lecture, initiated by the university.)
- Faiola, A. (6/13-24/2003). Typographic Design for School Children and College Students: For Print, the Web, and eBook Technologies (Children Book Design Research Lectures for Publishing Faculty and Professionals). Moscow State University of the Printing Arts, Department of Graphic Arts and Information Technology. Moscow, Russia. (Fulbright lecture series as Senior Specialist, Scholarship peer reviewed.)

Faiola, A. (12/14/2004). Computer graphics and prototype construction: engineering products that work for humans. House of Scientists, St. Petersburg, Russia. (Invited afternoon lecture, initiated by the academy of science in SP.)

Faiola, A. (12/17/2004). Principles of design and usability for Web publishing. Moscow State University of the Printing Arts, Moscow, Russia. (Invited workshop, initiated by the university.)

Faiola, A. (12/18/2004). HCI pedagogy: a new framework. Moscow State University, Department of Psychology and SIGCHI Chapter in Moscow, Russia. (Invited presentation, initiated by the university.)

Refereed Research Conference Paper Presentations

Faiola, A. (8/11/2000). Cross-cultural landscapes of visual intelligence: an investigation across cultural boundaries. Iowa State University, *International Visual Literacy Assoc. Annual Conference, Ames, Iowa.*

Faiola, A. (4/22/2002). Cross-cultural workshop presentation (part 1): Cross-cultural studies of hypermedia design and accessibility. *Presented at the: SIGCHI Conference, It's A Global Economy Out There: Usability Innovation for Global Market Places. Minneapolis, MN.* (Acceptance rate: 10%)

Faiola, A. & Sturm, C. (4/22/2002). Cross-cultural workshop presentation (part 2): Aspects of Remote Testing. *Presented at the: SIGCHI Conference Workshop, It's A Global Economy Out There: Usability Innovation for Global Market Places. Minneapolis, MN.* (Acceptance rate: 10%)

Buher, M. & Faiola, A. (7/24/2004). Using 3D landscapes to navigate filespace: Extending the data mountain with mountainview. *Presented at the: HCI Symposium –Information Visualization Conference 2004, IEEE Computer Society Press, London, England.*

Faiola, A., (7/22/2004). Living with computing: thoughts on humanizing technology. (Colloquium Presentation.) *Presented at the: Second International Conference on New Directions in the Humanities, 2004, Monash University Centre, Prato, Italy.*

Faiola, A. & Matei, S. (5/17/2005). The cultural cognitive style of multimedia development: identifying designer cognitive structures for the Web. *Presented at the: International Communication Association Conference.*

Faiola, A. (7/25/2005). Cross-cultural computer-mediated communication and online learning: assessing the impact of Web designer cognitive style on information design. *Presented at the: HCI International'05, Las Vegas.*

Faiola, A. (7/25/2005). Integrating the visualization of personal histories to enhance file

search in 3D landscapes: applying file search to 3D View. *Presented at the: HCI International'05, Las Vegas.*

Matei, S., Wheatley, D. J. & Faiola, A. (9/21/2005). On-screen vs. physical affordances in the context of a multimedia cell phone. *Presented at the: MOBILE-HCI 7th Annual Conference on Human-Computer Interaction Mobile Devices and Services*, Chicago, IL.

Matei, S. A., Wheatley, D. J., & Faiola, A. (6/19/2006). Multipurpose mobile devices, graphic user interfaces and physical affordances: a case study. *Presented at the: International Communication Association Conference, Dresden, German.*

Beatty, K., Elliott, R. & Faiola, A. (6/28/2006). Seeking news on the internet: an analysis of user behavior in selecting online media outlets. *6th Biennial Conference on Cultural Attitudes Towards Technology and Communication.*

Newlon, C. & Faiola, A. (6/28/2006). Support for mega-team collaboration. *6th Biennial Conference on Cultural Attitudes Towards Technology and Communication*, University of Tartu, Estonia.

Faiola, A. & Hillier, S. (7/5/2006). Multivariate relational visualization of complex clinical datasets in a critical care setting: a data visualization interactive prototype, *Information Visualization Conference 2006*, London, England.

RoyChowdhury, D. & Faiola, A. (7/6/2006). (Poster) Enhancing Web browsing through Page Cloning: facilitating user memory by visualizing Web histories, *Information Visualization Conference 2006*, London, England. (Accepted as poster, but was unable to present with Student.)

Faiola, A. & Voiskounsky, A. (7/23/2007). (Poster) Flow experience of MUD players: Investigating multi-user dimension gamers from the USA. In G. Salvendy and J. Jacko (Ed.), *Proceedings of the 11th International Conference on Human-Computer Interaction. Beijing: China.* Session Title: HCI Research in Computer-Mediated Communication, Cognition & Recreation.

Invited Research Presentations

Faiola, A. (4/6/2005). Web design and usability: design an effective strategy for academic Web development. *IUPUI Communications Division and Campus-Wide Web Deployment.*

Faiola, A. (4/13/2005). Interaction design and system usability: design an effective strategy for Web and software development. *Indianapolis Quality Assurance Association Inc.*

Service Presentations

- Faiola, A. (5/20/1999). New media graphics curricula: pedagogy and methodology. *House of Scientists*, St. Petersburg, Russia.
- Faiola, A. (2/14/2001). Human computer interaction & multimedia usability testing: understanding the key components for building effective interfaces. *Purdue University, Human Factors & Ergonomics Society*, West Lafayette, IN.
- Faiola, A. (3/14/2001). New media usability. TechConnect, Poster Session, *Indiana University Purdue University*, Indianapolis, IN.
- Faiola, A. (5/10/2002). Curricula and cross-cultural issues in interactive media usability. *Mediamatic Design, Consulting Group*, Amsterdam, Netherlands.
- Faiola, A. (5/28/2002). eBook market potential in Russia: trends, copyrights, and technologies. *Council on University Publishing in Russia, 10th Annual Conference*, Moscow, Russia.
- Faiola, A. (6/6/2002). Web usability theory models for teaching and application. *House of Scientists*, St. Petersburg, Russia.
- Faiola, A. (11/20/2003). Disciplinary overview of human-computer interaction, Bi-Annual Presentation to I502. *Indiana University – School of Informatics, IUPUI*. Presented each semester to beginning graduate students.
- Faiola, A. (6/24-26/2003). Children’s book typography: an overview of practice and empirical study. *Conference of the World Bank & Russian National Fund of Education and Training for Schoolbook Editors and Editorial Staff*, Moscow, Russia.
- Faiola, A. (6/27/2003). eBook technologies in America and Russia. *Conference of the World Bank & Russian National Fund of Education and Training for Schoolbook Editors and Editorial Staff*, Moscow, Russia.
- Faiola, A. & DeFazio, J. (10/14/2005). Principles of Web design and usability: improving accessibility to law library online information. *Ohio Regional Association of Law Libraries (ORALL) and Chicago Area Law Librarians (CALL)*. Indiana University Purdue University Indianapolis, School of Law.

SUMMARY 49 Total Presentations (23 Teaching + 16 Research + 10 Service)
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GRANTS & FELLOWSHIPS (T=Teaching Grants // R=Research Grants)

- 1978 College of the Arts Grant: **R**
Project Title: Experimental Media: Triptych Performance (for Music & Dance)
Location: The Ohio State University
Role: PI
Amount: \$1000
- 1978 Ford Foundation Grant, Ford Corporation; **R**
Project Title: Printmaking: New Directions Mixed Media
Location: The Ohio State University
Role: PI
Amount: \$500
- 1999 Midwest Universities Consortium Association Grant: **R**
Project Title: Digital Publishing in the New Millennium
Location: Part 1 - Research done at; St. Petersburg State University of Information, Technologies, Russia
Role: PI
Amount: \$2900
- 1999 Purdue Foundation International Travel Grant: **R**
Project Title: Digital Publishing in the New Millennium
Location: Part 2 - Research done at; St. Petersburg State University of Information, Technologies, Russia
Role: PI
Amount: \$1800
- 1999 Fulbright Scholarship: **T**
Project Title: Preparing the Digital Designer for Future Trends & Strategies in an Info-Graphic Global Society
Location: St. Petersburg State University of Information Technologies, Russia
Role: PI
Amount: \$28,000
- 2000 Purdue Foundation International Travel Grant: **R**
Project Title: HCI: Cross-Cultural Interfaces
Location: University College of Dublin, Ireland, Department of Computer
Role: PI

Amount: \$1300

2000 Purdue Research Summer Grant: **R**

Project Title: Qualifying Digital Color Targets for Skills & Knowledge Standard

Location: Pittsburgh, PA: Graphic Arts Technical Foundation – (GATF)

Role: PI

Amount: \$5000

2000 Digital Asset Management Grant: **T**

Project Title: Training/Teaching donations / support from IBM, Bitstream, Corp., Software: PageFlex (Variable Publishing) and MediaBank (Digital Asset Management), Variable Publishing Systems

Location: Purdue University, Department of Computer Graphics Technology

Role: PI

Amount: \$50,000

2000 Purdue Global Initiative Research Grant: **T**

Project Title: A Collaborative Curricula Project with Russian Educators

Location: St. Petersburg State University of Information Technologies, Russia

Role: PI

Amount: \$3400

2001 Lilly Endowment Grant: **T**

Project Title: Lilly Health Education Center Project (Media Theater Renovation), Role: Prepared content in collaboration with Dr. Bailey for initial grant proposal

Location: School of Informatics, IUPUI

Amount: \$5.5 M

2002 Fulbright Senior Specialist: **T**

Project Title: Communication and Digital Publishing: New Media Design and Usability

Location: Moscow State University of the Printing Arts

Role: PI

Amount: \$8000

2002 IUPUI Research Grant: **R**

Project Title: Cross-Cultural Usability Studies

Location: Part 1, (Russian & American Cross-Cultural Study of Hypermedia Design & Accessibility), St. Petersburg State University of Information Technologies, Russia

Role: PI

Amount: \$2000

2003 Fulbright Senior Specialist: **T**

Project Title: Communication and Online Digital Publishing: eBook Technologies

Location: Moscow State University of the Printing Arts

Role: PI

Amount: \$8000

2003 IU President's Council on International Programs Grant: **T**

Project Title: The Pedagogy of Human-Computer Interaction: Designing for 3D Virtual Spaces

Location: House of Science, St. Petersburg, Russia

Role: PI

Amount: \$720

2003 Indiana University Travel Grant: **T**

Project Title: HCI International'03 Conference, Greece, Presentation of paper: The Copernican shift: HCI education and the design enterprise

Location: Crete, Greece

Role: PI

Amount: \$750

2003 IUPUI Research Grant: **R**

Project Title: Cross-Cultural Usability Studies – Part 2, (Russian & American Cross-Cultural Study of Hypermedia Design & Accessibility)

Location: St. Petersburg State University of Information Technologies, Russia

Role: PI

Amount: \$1070

2006 PRAC (Program Review and Assessment Committee) Grants for IUPUI: **T**

Project Title: Establishing Competencies and Outcomes for Human-Computer Interaction 1

Location: Indiana University School of Informatics, IUPUI

Role: PI

Amount: \$2000

2006 IU International Research Grant: **R**

Project Title: Research - The Cross-Cultural Behavior of International Online Gamers

Location: Moscow State University, Russia

Role: PI

Amount: \$2000

2006 IU International Travel Grant: **T & R** [Two Conferences]

Project Title: 6th Biennial Conference on Cultural Attitudes Towards Technology and Communication (Presentation of two papers.)

Location: Tartu, Estonia

Project Title: Information Visualization Conferences (Presentation of two papers.)

Location: London, England

Role: Presenter with Graduate Students

Amount: \$600

2006 Department of Veteran's Affairs Grant for Pilot Study **R**

Project Title: Usability and Adaptation of a Decision Support Tool for Improving Patient Handoffs, Health Services Research and Development Center of Excellence on Implementing Evidence-Based Practices

Location: VA Medical Research Center

Role Co-PI

Amount: \$30,000

2006 Solution Center Grant **R**

Project Title: Medical Information Visualization Assistant System

Location: School of Informatics, IUPUI

Role Co-PI

Amount: \$8,000

2007 NIH **R**

Project Title: Web Portal for Linking IUCC Patients, Clinicians, and Researchers

Location: School of Informatics, IUPUI

Role: Research Collaborator (Co-PIs: Drs. McDaniel, Helft, and Given)

Amount: \$75,000 for three years

2007 Clarian Health Grant **R**

Project Title: Diabetes Tablet PC Application for Adolescents

Location: School of Informatics, IUPUI

Role: Research Collaborator (Co-PI: Dr. D. Orr.)

Amount: \$11,000 for three years; Total Grant: \$80,000

SUMMARY	24 Grants (\$243,040) = 10 Teaching Grants (\$101, 170) + 13 Research Grants (\$148,870)
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PRINT & ELECTRONIC PUBLICATIONS

Teaching Publications

Refereed

[R] = Cross-Referenced to Research

- DeBloois, M. & Faiola, A. (1988). Designing a visual factors-based screen display interface: The new role of the graphic technologist. *Educational Technology Magazine*. 28(8), 12-21. (Acceptance rate: 15%) [R]
- Faiola, A. (1989). Improving courseware development efficiency: The effects of authoring systems on team roles and communication. *Educational Technology Magazine*. 29(8), 16-19. (Acceptance rate: 15%) [R]
- Faiola, A. (1989). Lean-and-mean team interactive video design course development. *Training and Development Journal*. 43(3), 59-64.
- Faiola, A. (1989). Enhancing the skills of the graphic specialist for CBT development. *Journal of Instructional Delivery Systems*. 12(5), 12-14. (Acceptance rate: 25%)
- Faiola, A. (1999). Re-Designing graphic arts education: A closer look at strategies for a New Millennium of Digital Communication and Globalization. *The Journal of Technology Studies*. 25(2), 47-50. (Acceptance rate: 50%)
- Faiola, A. (2002). Producing the hybrid new media specialist: Two prominent academic programs in graphic communication address the needs of an evolving industry. *Proceedings of Graphica 2001, International Conference on Graphics Engineering for Arts and Design, San Paulo Brazil*, 98-108.
- Faiola, A. (2002). New media usability: HCI curriculum focus in the School of Informatics, IUPUI. *Association of Computing Machinery (ACM) Interactions: New Visions of Human-Computer*, 9(2), 25-27. (Invited)
- Faiola, A. (2002). Paradigms and partnerships in graphic communication education: A three-fold initiative for survival. *Paper Abstracts from Graphica 2001, International Conference on Graphics Engineering for Arts and Design, San Paulo Brazil*, 20.
- Faiola, A. (2003). The Copernican shift: HCI education and the design enterprise. In G. Salvendy and J. Jacko (Ed.), *Human-Computer Interaction - Ergonomics and User Interfaces, Theory and Practice: Proceedings of the 11th International Conference on Human-Computer Interaction*. Greece: Crete. (Mahwah, NJ: Lawrence Erlbaum Publishers, 326-330. [R]
- Faiola, A. (2003). Human computer interaction and the design enterprise. *Proceedings of the International Scientific and Technical Conference and Russian School of Young Scientists and Specialists: System Problems of Quality, Mathematical Modeling and Information Technologies. Sochi, Russia, 12*, 6-7.

- Faiola A. & Troitsky D. (2005). Russian-American experience with teaching computer graphics and computer-aided design: Two academic programs address the needs of an evolving industry. *Proceedings of the 11th International Conference on Applications of Compass Software in Higher Education*. Tula: Grif & Company, pp. 23-27.
- Faiola, A. (2005). Preparing for the future of graphic arts education: New strategies for a new millennium of digital design and production. *The Journal of Printing and Publishing Scientific Research*, 2(22).
- Faiola, A. (2005). Managing design knowledge: A new pedagogical framework for HCI. In G. Salvendy and J. Jacko (Ed.), *Human-Computer Interaction - Ergonomics and User Interfaces, Theory and Practice, Volume 5 - Emergent Application Domains in HCI, Proceedings of the 11th International Conference on Human-Computer Interaction*. Las Vegas: Nevada. (Mahwah, NJ: Lawrence Erlbaum Publishers, CD-ROM).
- Faiola, A. (2006). Designing humane technologies: A potential framework for human-computer interaction design. *The International Journal of the Humanities*, (2)3, 1877-1886. [T]
- Faiola, A. (2006). Extending the boundaries of computer graphics education: Enhancing student knowledge with HCI. Proceedings of the 14th International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision'06, January 30 - February 3, 2006, Prague (Plzen), Czech Republic. (Paper accepted for publication, but retracted because I could not attend the conference as planned.)
- Faiola, A. (2007). The design enterprise: Rethinking the HCI education paradigm. *Design Issues*. MIT Press. (Acceptance rate: 15%)
- Faiola, A. & Boyd Davis, S. (In press). Extending knowledge domains for new media education: Integrating interaction design theory and methods. *New Media and Society*. (Sage Publishing, London, UK.) (Acceptance rate: 20%)
- Faiola, A. & Matei, S. (In press). The role of social science in interaction design education: Teaching physical affordances for emerging mobile technologies. *International Journal of Technology & Design Education* (Springer, The Netherlands) (Acceptance rate: 25%)

Non-Refereed

- Faiola, A. (2000). *Typography primer*, Sewickley, PA: Graphic Arts Technical Foundation Publishing (GATF).
- Faiola, A. (Ed). (2001). *Human-computer interaction: An overview of theories for user interface design and usability*. New York: John Wiley & Sons, Inc., Custom Services.
- Faiola, A. (Ed). (2002). *New media basics: Understanding message design theory in a post-*

information society. New York: John Wiley & Sons, Inc., Custom Services.

Faiola, A. & McCormick, J. (2002). *Consider this: Russia today*. Indianapolis: WFYI.

Faiola, A. (2003). Book Review: Interaction design: Beyond human-computer interaction - By Jennifer Preece, Yvonne Rogers, and Helen Sharp. *Special Interest Group on Human-Computer Interaction Newsletter*, 1(6).

Faiola, A. (Ed). (2003). *Human-computer interaction: Basic concepts for I300* (Course Workbook) Indianapolis: IUPUI Publishing Services.

Faiola, A. (2003). *Typography for print and the Web: Web usability tools and methods*. Saint Petersburg, Russia: BHV Publishing.

Faiola, A. & Johnson, C. (Ed). (2004). *Psychology of human-computer interaction*. Indianapolis: IUPUI Publishing Services.

Faiola, A. & Larew, M. (Ed). (2004). *Human-computer interaction: Advanced concepts*. Indianapolis: IUPUI Publishing Services.

Faiola, A. (2004). What is HCI? *Informatics*, 2(2), 11.

Faiola, A. (2004). The design of more usable technologies: HCI at IUPUI. *Informatics*, 2(2), 14-15.

Faiola, A. (2004). Information Visualization: The mountain view project. *Informatics*, 2(2), 16.

Research Publications

Refereed

[T] = Cross-Reference to Teaching

Faiola, A. (1999). Development of a visualization analysis manager: A database system for tracing visual intelligence. *Proceedings of the Jubilee Conference: Mathematical Models in Social Problems, Economy, and Technical Problems*. Sochi, Russia, 8, 155-157.

Faiola, A. (1999). A comparison study of Russian – U.S. visualization problem-solving. *Proceedings of the Jubilee Conference: Mathematical Models in Social Problems Economy, Technical Problems*. Sochi, Russia, 8, 158-160.

Faiola, A. (2000). Cross-cultural landscapes of visual intelligence: An investigation of visualization problem-solving across cultural boundaries. *Selected Papers of the International Visual Literacy Association Conference, IVLA2000*, 113-122.

Faiola, A. (2000). Linking visualization problem-solving to cultural development.

Proceedings of the Automation and Information Technology in Manufacturing, Russia, 201-202.

- Faiola, A. (2002). A visualization pilot study for hypermedia: Developing cross-cultural user profiles for new media interfaces. *The Journal of Educational Multimedia and Hypermedia*. 11(1), 51-71. [T] (Acceptance rate: 10-19%)
- Banissi, E., Borner, K., Chen, C., Dastbaz, M., Clapworthy, G., Faiola, A., Izquierdo, E., Maple, C., Roberts, J., Moore, C., Ursyn, A., Zhang, J. J., (2004). *Information visualization: Proceedings of the eighth international conference*. Los Alamitos, CA: IEEE Computer Society Press.
- Faiola, A. (2004). The “second psychology” of Vygotsky and Luria: Cross-cultural web design from a cognitive perspective. *Proceedings of the International Scientific and Technical Conference and Russian School of Young Scientists and Specialists: System Problems of Quality, Mathematical Modeling and Information Technologies. Sochi, Russia, 12, 7-8.*
- Altom, T., Buher, M., Downey, M., Gutierrez, D. & Faiola, A. (2004). Using 3D landscapes to navigate filespace: Extending the data mountain with mountainview. *Proceedings of the HCI Symposium –Information Visualization Conference 2004, IEEE Computer Society Press, London, England, 645-649. (Acceptance rate: 50%) [T]*
- Faiola, A. (2005). Toward an HCI theory of cultural cognition. In C. Ghaoui (Ed.), *Encyclopedia of Human-Computer Interaction*. Hershey, PA: Idea Group Published, p. 70-77. [T]
- Faiola, A. & Matei, S. (2005). Cultural cognitive style and web design: Beyond a behavioral inquiry of computer-mediated communication. In C. Ess & F. Sudweeks (Eds.) *Culture and Computer-Mediated Communication: Toward New Understandings. Journal of Computer-Mediated Communication*. 11(1). (Acceptance rate: 10%)
- Matei, S., Wheatley, D. J. & Faiola, A. (2005). On-screen vs. physical affordances in the context of a multimedia cell phone. *Proceedings of the MOBILE-HCI 7th Annual Conference on Human-Computer Interaction Mobile Devices and Services*, ACM Publishers.
- Faiola, A., & Groth, D. (2005). Enhancing 3D File Search with Landscapes and Personal Histories: Exploring the Possibilities of TerraSearch+”, *Proceedings of the HCI Symposium –Information Visualization Conference 2005, IEEE Computer Society Press, London, England, pp. 613 - 618. (Acceptance rate: 50%)*
- Faiola, A., Groth, D., & Altom, T. (2005). Integrating the Visualization of Personal Histories of File Usage into 3D Landscapes: Enhancing Desktop File Searching Using TerraSearch+. In G. Salvendy and J. Jacko (Ed.), *Human-Computer Interaction -*

Ergonomics and User Interfaces, Theory and Practice, Volume 4 - Theories Models and Processes in HCI. Proceedings of the 11th International Conference on Human-Computer Interaction. Las Vegas: Nevada. (Mahwah, NJ: Lawrence Erlbaum, CD-ROM). (Acceptance rate: 50%)

- Faiola, A. & Matei, S. (2005). Cross-Cultural Computer-Mediated Communication and Online Learning: Assessing the Impact of Web Designer Cognitive Style on Information Design. In G. Salvendy and J. Jacko (Ed.), *Human-Computer Interaction - Ergonomics and User Interfaces, Theory and Practice, Volume 10 - Internationalization, Online Communities and Social Computing: Design and Evaluation. Proceedings of the 11th International Conference on Human-Computer Interaction*. Las Vegas: Nevada. (Mahwah, NJ: Lawrence Erlbaum Publishers, CD-ROM). (Acceptance rate: 50%)
- Beatty, K., Elliott, R. & **Faiola, A.** (2006). Seeking news on the internet: An analysis of user behavior in selecting online media outlets. *Proceedings of Cultural Attitudes Towards Communication and Technology 2006*. Tartu, Estonia. F. Sudweeds, H. Hrachovec and C. Ess (eds.), 130-141. (Acceptance rate: 20%)
- Newlon, C. & **Faiola, A.** (2006). Support for mega-team collaboration with cultural tools: Providing a Framework for the Dynamic Development of Team Culture. *Proceedings of Cultural Attitudes Towards Communication and Technology 2006*. Tartu, Estonia. F. Sudweeds, H. Hrachovec and C. Ess (eds.), 235-254. (Acceptance rate: 20%)
- Faiola, A. & Hillier, S. (2006). Multivariate relational visualization of complex clinical datasets in a critical care setting: A data visualization interactive prototype, *Proceedings of the HCI Symposium –Information Visualization Conference 2006, IEEE Computer Society Press*, London, England, 460-465. (Acceptance rate: 50%)
- Faiola, A.** & Voiskounsky, A. E. (2007). Flow experience of MUD players: Investigating multi-user dimension gamers from the USA. In G. Salvendy and J. Jacko (Ed.), *Proceedings of the 11th International Conference on Human-Computer Interaction. Beijing: China*. (Mahwah, NJ: Lawrence Erlbaum, CD-ROM).
- Faiola, A. & Matei, S. (in press). Cultural cognitive style and the web: Toward a theory and practice of web design for international users. In K. St. Amant (Ed.), *Linguistic and Cultural Online Communication Issues in the Global Age*. Hershey, PA: Idea Group Published.
- Faiola, A. & MacDorman, K. (In press). Exploring the influence of web designer cognitive style on information design: A cross-cultural comparison of a holistic and analytical perspective. *Information, Communication and Society*. Taylor & Francis Group, Oxford, UK.
- Faiola, A. & Hillier, S. (in press). Expediting health care decision-making using multivariate relational datasets: A medical data visualization system for complex critical care patient assessments. *Workshop on Human-Computer Interaction & Information*

Design to Communicate Complex Information, University of Memphis, March 2007.

Non-Refereed

- Faiola, A. (1979). The transient object: A look at contemporary thinking and issues as applied to my recent artwork. *Master's Abstracts International*, 65 1. (University Microfilms No. Thesis1979mfaf162).
- Faiola, A. (1984). *A computer-assisted instruction overview and prototype*. Unpublished master's thesis, The Ohio State University, Columbus, OH.
- Faiola, A. (1988). Principles and Guidelines for a Screen Display Interface. *VideoDisc Monitor*. 8(2), 27-29. [T]
- Faiola, A. (2000). A comparison study of Russian - U.S. students in visual cognition. *International Education – EJ*. Archived by the National Library of Australia. <http://www.canberra.edu.au/education/crie/2000-2001/ieej13/studp13.html#1>.
- Faiola, A. (2005). *Cross-cultural cognition and online information design: Identifying cognitive styles among web designers of diverse national origin*. Ann Arbor, MI: UMI. <http://docs.lib.purdue.edu/dissertations/AAI3191458/>

In Review

- Matei, S. A., Wheatley, D. J., & Faiola, A. (In review). The role of physical affordances in multifunctional device design: Assessing the human-computer interaction of multimedia cell phones. *Journal of Design Research*. InderScience Publishers, Olney, UK.

Creative Activities

Refereed (*Fine Art and Graphic Design Artifacts Peer Reviewed*)

- Faiola, A. (1977). Mount Holyoke College Art Museum, *Annual Print Exhibition*. Mount Holyoke, MA.
- Faiola, A. (1977). SUNY Albany Fine Arts Museum, *Group Print Exhibition*.
- Faiola, A. (1979). Finger Lakes Community College Gallery, *Two-Man Exhibition*. Canandaigua, New York.
- Faiola, A. (1979). The Ohio State University Fine Arts Gallery, *Ohio Five Exhibition*. Columbus.

- Faiola, A. (1983). *The earth*. New York PRINT Magazine. (Acceptance rate: 10%)
- Faiola, A. (1983). *Biology*. Columbus: Communication Society of Columbus Annual
- Faiola, A. (1984). *Physical geology*. New York PRINT Magazine. (Acceptance rate: 10%)
- Faiola, A. (1984). *Advertising*. Sewickley, PA: Printing Industry of America Annual.
- Faiola, A. (1984). *Management*. Sewickley, PA: Printing Industry of America Annual.
- Faiola, A. (1985). *Personality*. Sewickley, PA: Printing Industry of America Annual.
- Faiola, A. (2001). Maryland Printmakers Assoc. Online Print Exhibition,
www.marylandprintmakers.org/folios/foliozoom.asp?f=3&i=4TH.
- Faiola, A. (2003). ArtCentre of Plano, *National Juried Exhibition*. Plano, TX: ArtCentre of Plano.
- Faiola, A. (2003). Phillips Gallery, *Invitational Print Exhibition*. Sanibel, Florida.
- Faiola, A. (2004). Lithograph, *32nd Annual Juried Competition*. Monroe, Louisiana: Masur Museum of Art.
- Faiola, A. (2005). William Patterson University, Ben Shahn Galleries, *Juried Printmaking Exhibition*, (Purchase Award / for Gallery Private collection), Wayne, NJ.
- Faiola, A. (2006). Lithograph, Ninth Annual National Prize Show, Cambridge Art Association, Kathryn Schultz Gallery, Cambridge, MA.
- Faiola, A. (2007). Texas National, Lithograph, *Fifth Annual National Prize Show*, Stephen F. Austin State University, Nacogdoches, Texas.

Non-Refereed

- Faiola, A. (1984). *CAI support: Agronomy 290*. [Computer-Based Educational System]. The Ohio State University Campus Network. School of Agriculture, Columbus, Ohio.
- Faiola, A. (1986). *Oil exploration*. The Center of Science and Industry. [Computer-Based Educational/Training System]. Columbus, Ohio.
- Faiola, A., & DeBloois, M. (1986). *Power plant pressurization procedures*. [Computer-Based Educational/Training System]. American Electric Power Company. Columbus, Ohio.
- Faiola, A. (1986). *Hotel procedures: Pickett suite hotels training*. [Computer-Based Educational/Training System]. Columbus, Ohio.

SUMMARY

PUBLICATIONS

Teaching: 30 (Refereed: 18 + Non-Refereed: 12 + In Review: 0)
Research: 26 (Refereed: 18 + Non-Refereed: 05 + In Review: 3)
Creative: 21 (Refereed: 17 + Non-Refereed: 04 + In Review: 0)
TOTALS: 77 (Refereed: 53 + Non-Refereed: 21 + In Review: 3)

ADDED NOTE

**Comparison of Single to Multiple Authored
Refereed Teaching & Research Publications ***

Single Author	21
Double-Authored	8
Triple-Authored	3
4+ Authored	2
Total	34*

* Does NOT include Creative works.

June 15, 2007

(Date)



Anthony Faiola