

ibpi

Initiative for **Bicycle & Pedestrian** Innovation

JULY 2008

Mission

IBPI leads innovation in research, education, and knowledge that promotes change to help make our communities safe, convenient, and accessible places to walk and bicycle.

Advisory Board

Mia Birk, *Principal, Alta Planning + Design*
Meeky Blizzard, *Congressman Earl Blumenauer's Office*
Scott Bricker, *Executive Director, Bicycle Transportation Alliance*
Rex Burkholder, *Metro Councilor*
Roger Geller, *Portland Office of Transportation*
Jay Graves, *Bike Gallery*
Peter Koonce, *Kittelson & Associates*
Lynn Lindren-Schreuder, *Willamette Pedestrian Coalition*

Academic Partners

Dr. Jennifer Dill, *Portland State University*
Dr. Karen Dixon, *Oregon State University*
Dr. Marc Schlossberg, *University of Oregon*

Staff

Dr. Lynn Weigand, Director
Ryan Gratzner, Program Administrator

IBPI

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Newsletter Supports Information Sharing for IBPI

This newsletter will become a regular feature for IBPI to share information about our programs and activities. IBPI was formally launched in July 2007 through the energy and vision of a number of individuals who wanted to capitalize on Oregon's leadership and innovation on bicycle and pedestrian travel and create a center to advance knowledge and research in the field. We are a unique partnership among academic, practice, and policy interests that focuses on integrating walking and bicycling into communities through research, teaching, and professional development. Our work fills a critical gap by working across sectors, interests, and institutions to enhance policies, programs, and projects that promote bicycle and pedestrian transportation.

Board and Strategic Plan Guide IBPI's Work

IBPI's work is guided by an Advisory Board comprised of leaders in the field of bicycle and pedestrian transportation. As part of our mission to work across sectors on bicycle and pedestrian issues, the board members represent public, private, non-profit and academic interests. Since IBPI was formed, the board has formalized our organizational direction and developed a strategic plan that provides focus and priorities to our workplan. The strategic plan is available on our website or by emailing Ryan Gratzner, Program Administrator, at rgrt@pdx.edu.

Professional Development Workshops Promote Applied Learning

Since last August, more than 110 practitioners have taken part in IBPI's professional development series. The workshops include both classroom and field work to give professionals technical and practical knowledge on a wide range of planning and engineering topics related to bicycle and pedestrian transportation. Workshops to date have included On- and Off-Street Bicycle Facilities, Trail Design, Accessible Pedestrian Design, and Engineering Intersections for Bicycles and Pedestrians.

This summer, IBPI will offer its first week-long intensive course on pedestrian and bicycle planning and design. The course is intended to give professionals a solid grounding in the principles and applications of integrating pedestrian and bicycling facilities into on- and off-street transportation networks. It will include classroom, field and project experience emphasizing safety and user needs.



IBPI Receives Cycle Oregon Grant

Cycle Oregon and the Oregon Community Foundation have awarded a generous grant to IBPI to support and extend our professional development workshops. Grant funding will provide scholarships to students specializing in bicycle and pedestrian design and engineering who are nearing degree completion and wish to obtain more applied knowledge in their chosen field. The grant also will allow us to offer workshops statewide and bring educational opportunities to practitioners in other regions.

Curriculum Research Project Underway

IBPI has embarked on a project to enhance and expand opportunities to study bicycle and pedestrian transportation through a curriculum research and application project funded by the Oregon Transportation Research and Education Consortium (OTREC). The project includes a national survey of planning and engineering faculty to obtain information about existing courses that include content related to planning, design and engineering for bicycles and pedestrians. The survey was distributed this summer and preliminary results are expected to be available in early fall. The project also includes the development of new course modules that can be integrated into existing planning and engineering curricula. Dr. Jennifer Dill, Associate Professor, Toulon School of Urban Studies and Planning at Portland State University and Dr. Karen Dixon, Associate Professor, School of Civil and Construction Engineering at Oregon State University, have developed planning and engineering modules, respectively. Once integrated into one of their regular courses, these modules will have a chance to be evaluated and then revised. The final course modules, reading materials, and projects will be available on the IBPI web site this fall.

White Papers Link Research to Practice

IBPI has completed four white papers focusing on bicycle and pedestrian-related topics to summarize research, identify gaps, and describe how research findings can be applied in practice. The papers address four innovative and relevant topics: the economic impacts of bicycling, the effectiveness of Safe Routes to School programs, the mental health benefits of walking and cycling, and the effectiveness of intersection safety treatments for bicyclists. The content and conclusions provide useful insights into the state of knowledge in these four areas, direction for both research and practice in the field, and guidance to IBPI's future projects. Each paper was peer reviewed by scholars and practitioners specializing in these topics. Funding for the research was provided by the Oregon Transportation Research and Education Consortium (OTREC).

UPCOMING PROFESSIONAL DEVELOPMENT OPPORTUNITIES

August 3-8, 2008 - Portland

Comprehensive Bicycle and Pedestrian Design and Planning

A week-long course focusing on the fundamentals of pedestrian and bicycle design. A mix of classroom, field and project experience will focus on principles, best practices and applications to integrate bicycle and pedestrian facilities into on- and off-street transportation facilities.

Instructors: Bicycle and Pedestrian Designers and Planners from the City of Portland Office of Transportation, Alta Planning + Design, IBPI Staff, and other local professionals

September 10, 2008 - Eugene

Designing Pedestrian Facilities for Accessibility

This course, developed by the Federal Highway Administration (FHWA) and the Association of Bicycle and Pedestrian Professionals (APBP) covers the application of guidelines and policies of the Americans with Disabilities Act to public rights-of-way.

Instructor: Michael Ronkin

For more information, visit our website at
<http://www.ibpi.usp.pdx.edu>
or contact Ryan Gratzer at rgt@pdx.edu

UNIVERSITY COURSES ON BICYCLE & PEDESTRIAN TOPICS

Upcoming courses are available to students and professionals seeking to enhance their knowledge of bicycle and pedestrian planning.

Portland State University

USP 465/565 - Fall 08

Bicycle and Pedestrian Planning

More information on course offerings at PSU, U of O and OSU are located on our website at
<http://ibpi.usp.pdx.edu/courses.php>

IBPI Web Site Provides Resource for Research and Education

IBPI's web site is a key resource for disseminating information on research and educational opportunities for students and professionals. Summaries and links to transportation seminars, faculty research, and student projects at Portland State University, the University of Oregon, and Oregon State University now provide easy access to information. In addition, the website features postings on professional development workshops and university courses for practitioners and students, upcoming Transportation Seminars, and other events of interest to the bicycle and pedestrian communities. Web development was supported by OTREC and the College of Urban and Public Affairs.

Meet IBPI's Staff

Lynn Weigand is IBPI's founding director. She holds a Ph.D. in Urban Studies from Portland State University and has more than 20 years experience in community and transportation planning in the public, private and nonprofit sectors.

Ryan Gratzer is IBPI's program administrator. He's an active bicyclist, with a bachelor's in sociology, and experience working in libraries, as a journalist, and as a mental health worker.