The Prevention Research Centers Program

Illinois Prevention Research Center
Supporting Policy and Environmental Change

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SPH Executive Advisory Board Meeting
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Our Key CDC Contacts

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Who are the PRCs and What They Do

Located at:

- Schools of Public Health 15 (58%)
- Medical Schools 11 (42%)

Each Center has:

- Infrastructure & administration
- Community engagement, partnerships & TA
- Communication and dissemination
- Training for skilled PH professionals & community partners
- Evaluation
Each PRC conducts:

- One large core research project
- Focusing on one of the 4 NCCDPHP domains

- Domain #1
  - Epidemiology and Surveillance
  - 19 PRCs (73%)

- Domain #2
  - Environmental Approaches to Promote Health
  - 21 PRCs (81%)

- Domain #3
  - Health Systems Interventions
  - 9 PRCs (35%)

- Domain #4
  - Community-Clinical Linkages
  - 16 PRCs (62%)

* A single PRC project may include multiple domains
Who are the PRCs and What They Do

Each PRC:

• Conducts research in communities with health disparities

• Collaborates with health departments, other PH and community partners

• Disseminates findings with PH relevance & impact

• Evaluates their PRC Center and core research project

  ➢ …taking into account - scalability and sustainability
Who are the PRCs and What They Do

26 Core Research projects

See PRC website: www.CDC.gov/PRC

- Obesity, Nutrition, and Physical Activity 15 (58%)
- Healthy Heart Issues 6 (23%)
- STDs and High Risk Sexual Behavior 4 (15%)
- General Chronic Disease Issues 3 (12%)
- Violence Prevention 2 (8%)
- Cancer 2 (6%)
- Smoking, Mental Health, Substance Abuse 1 each
Special Interest Projects (SIPs)

• Special Interest Projects (SIPs) are competitively awarded scientific projects and research opportunities that focus on a topic of interest or a gap in knowledge or research.
  o Individual Projects
  o PRC Thematic Network

• Only currently funded PRCs are eligible to apply for SIPs.
Infrastructure funding provides the opportunity to bring together academic experts who work collaboratively to:

- Conduct high quality research critical to the development, implementation, evaluation, and sustainability of environments and prevention strategies relevant to Program areas
- Advance knowledge and translate into public health practice key findings and information
- Support the development of the public health workforce and future leaders in the field
- Promote health equity
- Leverage resources, be opportunistic, and nimble
- Build synergies across thematic networks in terms of evaluation, training and dissemination

7 Network areas include: Cancer; Healthy Brain; Epilepsy; Global Health; Nutrition and Obesity; Physical Activity; and, Workplace Health
The Illinois PRC collaborates with local and state partners to engage in interdisciplinary prevention research to test, develop, adapt, implement, and evaluate policy and environmental approaches to improve health behaviors to reduce chronic disease risk and health disparities.

Illinois PRC’s mission:

- increase application and translation of evidence-based research to practice;
- evaluate policy and environmental interventions;
- engage in community-based research; and,
- train practitioners to yield effective health promoting policy and environmental changes.
Some Key Features

- **Health behaviors and outcomes include**: physical activity, nutrition, smoking, obesity, epilepsy, and cancer.

- **Key Goal**: reduce racial/ethnic and socioeconomic health disparities.

- **Significant expertise in**: policy, systems, and environmental change.

- **Community partners include**: Chicago Park District; Friends of the Park; the Chicago, Cook County and Illinois Departments of Public Health; Chicago Public Schools; and more.

- **Training activity includes**: in-person IPRC Change Institute conference training for 50 Illinois community partner practitioners annually to increase knowledge and skills to identify, implement, and monitor policy and environmental-oriented prevention strategies.
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<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Michael Lange</td>
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<td>Renna Thomas</td>
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<td>Rebecca Weinberg</td>
<td>Baby Wranglers of East Rogers Park</td>
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Training

• Goal: Increase the ability of Illinois public health practitioners, students, and researchers to plan, implement, and evaluate policy-and environmentally (PAE)-oriented behavior change initiatives.
  • Change Institute
  • Online policy and environmental change trainings on website
  • Evaluation Capacity Building (year 1)
Change Institute

- **Purpose**
  - Increase knowledge and skills to advance policy, systems, or environmental changes that promote healthy eating, active living, tobacco-free living, and clinical community linkages

- **Partnership with CCDPH**

- **Audience**
  - Local and/or state organizations
  - Limited free admission for staff from CAC affiliated organizations
Change Institute

• Annual in-person conference training for 50 Illinois community partner practitioners to increase knowledge and skills to identify, implement, and monitor policy and environmental-oriented prevention strategies.

• 15 sessions, 4 topic areas
  • Healthy Eating
  • Tobacco Cessation
  • Active Living
  • Skills Building for Policy Change
    ➢ Co-Creating a Common Agenda using Strategy Maps
    ➢ Evaluating Technical Assistance Efforts that Support Policy- and Environmentally-Oriented Change Initiatives
    ➢ Health Equity and Chronic Disease: Measuring Inequities by Race, Place, and Socioeconomic Factors
Change Institute

- **Year 1:** May 2015, Rosemont, IL
  - CCDPH, Chicago metro area focus
  - ~100 attendees
  - Mean overall conference rating: 3.6/4
- **Year 2:** September 2016, Springfield, IL
  - IPHA, rural/statewide focus
  - Incorporate recommendations from year 1
    - More special skills sessions
    - Increase event promotion to expand reach
    - Increase networking opportunities for attendees
Building Partnerships & New Research

- The Illinois PRC continues to strengthen existing partnerships and develop new partnerships to undertake public health prevention research.
  - Partnered on numerous research opportunities
  - And, building and developing even more partnerships
Building Partnerships & New Research

- **Chicago Public Schools.** Evaluation of CPS’ LearnWell Initiative. Community Trust’s Community First Fund.

- **Illinois Public Health Institute.** Improving Food Sales Settings. National Network of Public Health Institutes and CDC.

- **Illinois Public Health Institute.** Assessment of Evidence-Based Practices to Improve Worksite Physical Activity. National Network of Public Health Institutes.

- **Trinity Health and Allegany Franciscan Ministries.** Social Innovation Fund grant application to the Corporation for National and Community Service.

- **Grow Greater Englewood.** Environmental Impacts of a HFFI-Supported Supermarket Opening.


- **National Network of Public Health Institutes, Public Health Institute, and Illinois Public Health Institute.** Healthy School Nutrition Action Collaborative (Healthy SNAC). CDC.

- **Mercy Hospital Systems and CLOCC.** Transforming Communities Initiative. Trinity Health Systems.

- Transdisciplinary Collaborative Center for Health Disparities Research on Chronic Disease Prevention, National Institute on Minority Health and Health Disparities
Illinois PRC Core Research Project: Chicago Plays!

• Primary Objective: To examine the impact of community engagement + park renovation compared to playground renovation alone on park-based utilization and physical activity.

• Define community engagement as community coalition involvement to:
  1. Identify how playground renovations benefit their community; and,
  2. Collaborate with FOTP to implement ongoing care and maintenance of playgrounds.
Illinois PRC Core Research Project: Chicago Plays!

- 14,586 park users observed
  - average 33 per day per park
    - average of 15 users moderate-to-vigorous activity
    - average of 18 users sedentary
  - one year after the playground renovations
    - 14 percent relative increase in park users
    - 25 percent relative increase in people engaged in moderate-to-vigorous physical activity
Special Interest Projects
Collaborating Centers

• The Global and Territorial Health Research Network [GTHRN]
  o PI: Karen Peters; Co-PI: DrPH and Andrew Dykens, MD, MPH
    ➢ collaborating with health officials and health care providers to improve screening of cervical cancer in rural Senegal

• The Healthy Brain Research Network Collaborating Center [HBRN]
  o PI: David X Marquez, PhD
    ➢ advancing culturally sensitive messages to promote cognitive health through education and communications.

• The Managing Epilepsy Well Network [MEW]
  o PI: Dilip Pandey, MD, PhD, FAHA
    ➢ developing and testing a personalized, Internet-assisted education tool to improve the management of epilepsy by patients and their families (working with the Epilepsy Foundation and its Illinois chapter to do this work)
Special Interest Projects
Collaborating Centers

• The Nutrition and Obesity Policy Research and Evaluation Network [NOPREN]
  o PI: Lisa Powell, PhD
    ➢ studying the impact of the Healthy Food Financing Initiative on the local retail food environment in underserved communities

• The Physical Activity Policy Research Network+ [PAPRN+]
  o PIs: Jamie Chriqui, PhD, MHS and Sandy Slater, PhD
    ➢ examining the role that zoning codes, land use, and smart growth policies may play in facilitating walkable communities and walking

• The Workplace Health Research Network [WHRN]
  o PIs: Naoko Muramatsu, PhD and Lisa Brosseau, PhD
    ➢ addressing the health needs of minority, immigrant and low wage workers who are at increased risk for chronic diseases and injury through an evaluation of physical activity and injuries among home care aides
Acknowledgments

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Acknowledgments

• The content of this presentation is solely the responsibility of the authors and does not necessarily represent the official views of the Centers for Disease Control and Prevention, or the State of Illinois.

• Learn more at http://go.uic.edu/IllinoisPRC

• Contact us at: illinoisprc@uic.edu