

Research Pillars in Public Health

Pillar 1

Social Determinants of health: The Social Determinants of Health topic area identifies ways to create social and physical environments that promote good health for all. Research areas include, but not limited to:

1. Explore how programs, practices, and policies in these areas affect the health of individuals, families, and communities
2. Establish common goals, complementary roles, and ongoing constructive relationships between the health sector and these areas
3. Maximize opportunities for collaboration related to social determinants of health
4. Inequalities in various groups in the social determinants of health
5. Exposure to toxic substances and other physical hazards
6. Stress and disease risks
7. Health promotion
8. Promotion of Primary Emergency Care.

Pillar 2

Provision of accessible and Equal care: The pillar is mostly associated with prevention of diseases and unwanted effects of specific therapies along with ways to improve them. Research areas include:

1. Obesity, diabetes and metabolic syndromes
2. Cardiovascular risk factors, morbidity, mortality
3. Prevention & management of chronic diseases
4. Community cardiac arrest/resuscitation
5. Prevention/management of mental health problems
6. Primary health care
7. School screening
8. Prevention of Addiction
9. Infection Control

Pillar 3

Health technology and Public Health: The focus of this trend is to address the emerging technologies in the public health sector. The research areas include:

1. New digital technologies to deliver health services to people
2. E-Health
3. Medical imaging/nuclear medicine
4. Screening of various pathologies
5. Monitoring of vital signs and the use of technology to predict emergencies
6. Improvement of patient safety with the use of technology

Pillar 4

Public Health Education: Education of all workforce and all healthcare providers in the aspects of public health. The focus on Education for Public Health is to create educators in public health who in turn could train new healthcare professionals. The research topics included in this pillar are, but not limited to:

1. New methods of approaching and educating the public for various pathologies

2. New methods of education of all healthcare professionals in various pathologies
3. Aging, behaviour and public health
4. Medical / Public Health Education