



周脉耕，研究员，流行病与卫生统计学博士，博士生导师，入选国家百千万人才工程。

研究领域包括人群疾病负担测量、慢病防控与评价、环境与健康、政策评价等。

自2003 年以来，长期从事全国死因和危险因素监测工作，发展并完善了全国死因监测系统和慢病相关危险因素监测系统。同时，作为中国疾病负担研究合作中心副主任兼秘书长，全面参与全球疾病负担研究，并负责和领导与美国华盛顿大学合作开展的“中国省级疾病负担研究”。近年来承担和参与十余项国家科技部、自然科学基金和国际合作课题，近5 年以第一或通讯作者发表中英文文章百余篇，其中多篇文章发表在Lancet、BMJ、Plos Medicine、PNAS、AJRCCM、EHP 等国际知名期刊。在疾病负担领域发表中英文文章数十篇，其中反映中国省级死亡模式和期望寿命的文章在《柳叶刀》发表，受到国内外的广泛关注。

主要代表作：

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