**Research priorities**

The CON research priorities for 2015-2020 was revisited as well as research priorities of related Organizations were used as terms of references in the development of the CON-RC research priorities for 2020-2025. Research interest of the faculty and the health needs of the stakeholders were also considered

# Research priorities that are aligned with Vision 2030 and PNU vision

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| Public health, lifestyle, and roles in care and management of well-being  (across life span) | Women’s health, contributions, opportunities, and potentials | Research Culture and capability-building | Informatics and innovations in nursing profession and health care |

**Research Priorities and its aligned themes:**

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| **Research priorities** | **Themes** | **Sub-themes** |
| Public health, lifestyle, and roles in care and management of well-being (across all ages and sectors) | Diseases: burden, epidemiology, risks, prevention, and management | Chronic Non-Communicable Disease diseases:   * Cancer * Diabetes * Hepatitis * Cardiovascular * Allergy and Asthma * Chronic lung disease |
| ​ | ​ | Communicable diseases:   * Epidemic and pandemic * Tuberculosis * Malaria, dengue, Zika, and other vector-borne diseases * Pneumonia, diarrhea ,measles, poliomyelitis * Sexually transmitted diseases |
| ​ | ​ | Health and Lifestyle:   * Unhealthy diet, obesity, physical inactivity * Smoking any tobacco product among adults aged ≥15 * Tobacco use among adolescents aged 13–15years * Environmental health threats and hazards |
| ​ | ​ | Other conditions:   * Genetic hematological disease, Congenital diseases * Low bone density and osteoporosis among post- menopausal women * The prevention and treatment of HIV/AIDS * Neurodegenerative Diseases |
| ​ | Health care systems | Increase the number of qualified Saudi in the field of nursing; Nursing education and professional competencies |
| ​ | ​ | Prioritize specialization and training programs in health care services for Saudi health professionals |
| ​ | ​ | Quality Improvement, patient safety and accreditation; improving access to quality health care services |
| ​ | ​ | Models and structure of health care, health Policy and health systems, evidence-informed policy making |
| ​ | ​ | Healthcare work process and inter-professional collaboration; Costs, performance, and outcome analysis; factors affecting functioning of  programs, effectiveness of targeting, impact on behavior |
| ​ | ​ | Health science, technology, and innovation system evaluation; Strengthening health information systems; Ensuring access to essential technologies. |
| ​ | Primary Health Care and Public  health, education, and social risks | Biological, social, political, environmental, and economic determinants of health;  Social and behavioral factors influencing health and their relation to equity access, lifestyle, and health-seeking behaviors, Sports and athletics, Individual exercise |
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|  |  | Public sector focus on promoting preventive care, reducing infectious diseases, and encourage primary health care |
| ​ | ​ | Enhance capability of families to provide home care; promotion of healthy and balanced lifestyle; Food safety, drinking water quality |
| ​ | ​ | Public health data and indicators, Health Records, information, and communication; Digital medical records for Saudi citizens |
| ​ | ​ | Measuring urban health; Occupational health; mental health status; Environmental hazards |
| ​ | ​ | Road traffic accidents, injuries, and disabilities; Hazards during mass pilgrimage |
| ​ | ​ | Engaging with the private health sector |
| ​ | ​ | Empowering educational, cultural, and entertainment institutions |
| ​ | ​ | Reshaping academic and educational system, enhancing social skills, cultural knowledge, self-awareness; building fundamental values of initiative, persistence and leadership |
| ​ | ​ | Increasing parent participation in their children's education, Parent- led board in schools |
| ​ | ​ | Human Reproduction, High fertility rates, Early teenage marriage |
| ​ | ​ | Increasing life expectancy from 74 to 80 years |
| ​ | Promotion of health and Well-being of the Older person | * Dementia * Depression * Home care * Family engagement to care of the older person * Community support services for the elderly * Health risks and hazards |
| ​ | Child's health | * Immunization of Children * Under 5 clinic * Child and neonatal health * Nutrition and obesity among children * Social media and gadget use |
| Women's health, contributions, opportunities, and potentials | Women Health | * Pregnancy and delivery related risks and diseases * Women's role in Family health * Women's role in community health * Women-specific diseases |
| ​ | Women empowerment | * Leadership among women * Roles of women in health * Roles of women in education * Opportunities and potentials of Saudi women |
| Research Culture and capability Building |  | * Research Competence of nurses and students * National and international Collaboration and Inter-professional research activities * Dissemination and utilization of Research findings * Evidence-based practice * Promoting laboratory/experimental research |
| Informatics and innovations in | Nursing Education and practice | 1.Physical and biological sciences including, chemistry, pharmacology, toxicology, genetics |
| ​ | ​ | 2.Enhancing global health competencies |

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| nursing profession and health care |  | 3.Clinical training and simulation |
| ​ | ​ | 4.Instructional media and methods: PBL, Flipped classroom, distance education, etc |
| ​ | ​ | 5.Technology and social media in the nursing education |
| ​ | ​ | 6.Inter-professional clinical training |
| ​ | ​ | 7.Social and health responsive curriculum |
| ​ | ​ | 8.Quality and Standards of education and practice |
| ​ | Digital and Health informatics | 1. Nursing Informatics 2. Digitalization of health services 3. Trends and issues 4. Legal and ethical directions |
| ​ | Innovations | 1.Innovations and Hackathons in nursing and health 2.Intra and entrepreneurship in nursing |