



Proposed ASN Areas of Scientific Expertise

1. Nutrition Science Mechanisms

ASN recognizes that scientific discovery in the biomedical sciences using cutting-edge technologies is needed to further our understanding of the mechanisms of action through which nutrients and non-nutrient components of foods (e.g., bioactives) exert their biological functions. ASN seeks to sustain a membership of scientists of different disciplines who are using preclinical models and/or emerging technologies working on the fundamental aspects of nutrition, to advance knowledge through the exchange of ideas, findings, and technological advances, and to advocate for biomedical funding in areas relevant for nutrition.

2. Global Nutrition

ASN seeks to sustain a global membership alliance of professionals, practitioners, and students interested in and dedicated to areas in the field of human nutrition that are of relevance to underprivileged nations, disadvantaged populations within affluent societies, and rapidly-developing economies. It is recognized that a broad spectrum of research from the basic sciences to clinical care to program implementation and evaluation is conducted by ASN scientists to address nutrition problems in disadvantaged populations. ASN fosters the exchange of pertinent ideas/ knowledge/experience among ASN scientists who seek to inform nutrition policy, programs, and practice globally.

3. Medical/Clinical Nutrition

ASN seeks to provide an interface between scientific advances in nutrition made in laboratory science and clinical practice, and bridge gaps in the translation of knowledge from the bench to the bedside to the community. Therefore, it is committed to sustaining and strengthening a diverse group of clinicians, clinician-scientists, researchers, health care practitioners and students interested in clinical, research, educational, and/or training aspects of nutrition and metabolism as it relates to optimal health and the prevention and treatment of human disease.

4. Food and Nutrition Policy

Most scientists and other professionals in ASN are motivated to conduct research to inform policy but ASN is the home to many who are fully engaged in the delineation and evaluation of food and nutrition policy in the US and around the globe. ASN seeks to strengthen its membership alliance in this area, and continue to serve as an important forum for the exchange of ideas, the dissemination of advances



in policy affecting the nutritional status and health of the US and other populations, and of the evaluation of the impact of food and nutrition policies and programs.

5. Nutrition Science Translation

ASN seeks to promote the effective translation of scientific findings in the area of nutrition to consumers of all types. To that end, it recognizes the need to build and sustain a forum of scientists, practitioners and other professionals from academia, government, industry and private practice to address the translation of nutrition knowledge to improve human health.

6. Nutrition Population Science

ASN serves as an important arena for the exchange of knowledge and findings among population-based researchers from various disciplines whose goal is to study diet, nutritional status and human health in populations across the life span. ASN scientists in this area also develop cutting edge methodologies for data collection, and statistical approaches to improve study design, and the analysis and interpretation of data. ASN seeks to be a leader in providing empirically-based findings to inform nutrition programs and policy through this work, and to advocate for population-based research to monitor and evaluate the nutritional and health status of the US and other populations.