

ANA  AMERICAN NURSES ASSOCIATION
INNOVATION

idc

American Nurses Association Innovation

**need to know
innovation
resources**

vision

Innovation Guide

All nurses are gutsy, they show courage, determination, and spirit.

Nurses have to be gutsy to positively drive change across healthcare and to create future possibilities. We know that every nurse enters the innovation space in diverse ways and at various times. Our goal is to support your journey and we have curated resources to ignite your ideas, propel your work forward, and spark action.

Innovation is not for the faint of heart. We dare you to get gutsy!

As we have been working to build and define the work of innovation across the nursing profession, we recognize the importance of key characteristics and evidence that embody the spirit, culture, and science of innovation.

We believe the innovation community will be realized through the courage, values, and behaviors of the nurses who drive this work.

Nursing Ethos of Innovation

We have identified seven core principles to guide and foster the growth of innovation across nursing and healthcare:

- Transparency
- Democracy
- Abundance
- Interprofessional + Transdisciplinary Collaboration
- Antiracist + Design Justice Principles (justice, equity, diversity, inclusion)
- Improve the Present While Being Future Focused

Innovation Playlist

- Innovation Tunes [[innovation playlists](#)]

Nursing Schools Leading Innovation

- Nursing Schools Teaching Design and Innovation [[document](#)]



innovation resources everyone needs to know

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design

Design

"A framework to generate innovative solutions through creative problem solving. It involves five stages: Empathy, Define, Ideate, Prototype and Test." [[website](#)]

"Human-centered design is a problem-solving technique that puts real people at the center of the development process, enabling you to create products and services that resonate and are tailored to your audience's needs." [[article](#)]

"Design thinking is a human-centered approach to innovation that draws from the designer's toolkit to integrate the needs of people, the possibilities of technology, and the requirements for business success." [[website](#)]

- Design Thinking for Health [[website](#)]
- Discovery Design: Design Thinking for Healthcare Improvement [[book](#)]
- Emergent Strategy [[book](#)]
- Emergent Strategy Institute [[website](#)]
- Health Design Thinking [[book](#)]
- IDEO [[website](#)]
- IDEO Design Thinking [[website](#)]
- Luma Institute [[website](#)]
- Requiring Design Thinking in Nursing Curriculum [[article](#)]
- Socially Engaged Design Academy [[website](#)]



design, justice, equity, ethics, inclusion

Design Justice, Equity, Ethics, Inclusion

*"A framework to generate innovative solutions through creative problem
"Design justice" is an approach to design that is led by marginalized
communities and that aims explicitly to challenge, rather than repro-
duce, structural inequalities." [website]*

- Coproduction of Healthcare Service [article]
- Design Justice [website]
- Designing for inclusivity: How and why to get started [website]
- Design Thinking for Health [website]
- Ethics for Designers [website]
- Healthcare Equality Index [website]
- Liberatory Design [website]
- Liberatory Design Cards [resource]
- Open Justice [website]

Nursing JEDI (Justice, Equity, Design, Inclusion)

- National Commission to Address Racism In Nursing [website]
- Anti-Racist Nurse [website]
- Project ECHO [website]



innovation

Innovation

“Innovation is the ability to generate and execute new ideas—incremental, evolutionary, or revolutionary—and it starts with creativity.” [[website](#)]

“Disruptive Innovation describes a process by which a product or service initially takes root in simple applications at the bottom of a market—typically by being less expensive and more accessible—and then relentlessly moves upmarket, eventually displacing established competitors.” [[website](#)]

“Innovation can be defined as invention + adoption + diffusion. In healthcare, it may be a novel idea, product, service or care pathway that has clear benefits when compared to what is currently done. Successful innovations often possess two key qualities: they are both usable and desirable.” [[article](#)]

General Innovation

- Creative Confidence [[book](#)]
- Imagine It Forward: Courage, Creativity, Power of Change [[book](#)]
- Innovation Process & Strategy [[website](#)]
- Innovator’s Guide to Growth [[book](#)]
- Teaming to Innovate [[book](#)]
- The Innovators Dictionary [[book](#)]



nursing innovation

Innovation in Nursing

- ANA Innovation Website [[website](#)]
- ANA Innovation Blogs + Articles [[website](#)]
- Blueprint for nursing innovations centers [[article](#)]
- Cultivating a culture of innovation [[article](#)]
- Cultivating and celebrating nurse-led innovation [[article](#)]
- Effectiveness of a nursing innovation workshop at enhancing nurses' innovation abilities: A quasi-experimental study [[article](#)]
- Empowering Nurses to Improve Health Care [[article](#)]
- Johnson & Johnson Innovation 101 [[website](#)]
- Johnson & Johnson Nursing Innovation Guide [[website](#)]
- Leadership for Evidence-Based Innovation in Nursing and Health Professions [[website](#)]
- MakerNurse [[website](#)]
- Moving Nursing Innovation to Prime Time Through The Use of Creative Partnerships [[article](#)]
- Nurse Salary Research Report [[report](#)]
- Nurse's Guide to Innovation [[book](#)]
- Nursing Process [[article](#)]
- Innovation in Nursing: 6 Ways the Field Is Propelling Forward [[website](#)]
- Operationalizing a Nursing Innovation Center Within a Health Care System [[article](#)]
- Preparing Nurses to Be Health Care Innovation Leaders [[article](#)]
- The Innovation Road Map: A Guide for Nurse Leaders [[article](#)]
- The New Normal: Nurses as innovators [[article](#)]
- The Nurse's Guide to Innovation: Accelerating the Journey [[website](#)]



healthcare innovation

Innovation in Healthcare

- Administration for Children and Families [\[article\]](#)
- Bloomberg Center for Public Innovation [\[website\]](#)
- Cambridge Design Partnership [\[website\]](#)
- Cleveland Clinic Innovation [\[website\]](#)
- Community Innovation: tools and resources [\[website\]](#)
- da Vinci Center for Innovation [\[website\]](#)
- HHS Innovation x [\[website\]](#)
- MakerHealth [\[website\]](#)
- Municipal Innovators Community [\[website\]](#)
- National Science Foundation Innovation Network [\[website\]](#)
- Nursing the System [\[website\]](#)
- Project Zero [\[website\]](#)
- Public Health National Center for Innovations [\[website\]](#)
- Tamarack Institute: Community Innovation [\[website\]](#)
- Transformation in Healthcare – Harvard Business Review [\[website\]](#)
- UN Refugee Agency Innovation Resources [\[website\]](#)
- VA Innovation Ecosystem [\[website\]](#)
- VHA Innovation Ecosystem Greenhouse Initiative [\[website\]](#)
- WHO Health Innovation for Impact [\[website\]](#)



interprofessional innovation

Interprofessional Innovation

- AACN Interdisciplinary Research: Shaping Healthcare of the Future [\[article\]](#)
- Integration of Authentic Leadership Lens for Building High Performing Interprofessional Collaborative Practice Teams [\[article\]](#)
- Nurse Leaders: Transforming Interprofessional Relationships to Bridge Healthcare Quality and Safety [\[article\]](#)
- Interdisciplinary Research Leaders (Robert Wood Johnson Foundation) [\[website\]](#)



ecosystems + complex adaptive systems

Ecosystems

"The complex of living organisms, their physical environment, and all their interrelationships in a particular unit of space. [\[website\]](#)"

- What Are Ecosystem Maps [\[article\]](#)
- Ecosystem Mapping: Great Tool for Social Impact [\[website\]](#)

Complex Adaptive Systems

"Complex adaptive systems thinking is an approach that challenges simple cause and effect assumptions, and instead sees healthcare and other systems as a dynamic process. One where the interactions and relationships of different components simultaneously affect and are shaped by the system." [\[article\]](#)"

- Complex Adaptive Systems: Relevance for Nursing [\[article\]](#)
- Healthcare Teams as Complex Adaptive Systems [\[article\]](#)
- Thinking In Systems [\[book\]](#) [\[website\]](#)



foresight

Foresight

"The "a systematic, participatory, future-intelligence- gathering and medium-to-long-term vision-building process aimed at enabling present-day decisions and mobilizing joint action." [\[website\]](#)

- A Brief Guide to Futures Thinking and Foresight 2022 [\[article\]](#)
- Amy Webb Quantitative Futurist [\[website\]](#)
- Anticipating Disruptive Innovation with Foresight Leadership [\[article\]](#)
- Association of Professional Futurists [\[website\]](#)
- A Stich in Time Realizing the Values of Futures and Foresight [\[article\]](#)
- Compass [\[website\]](#)
- Federal Foresight Community of Interest Group [\[website\]](#)
- Forces of Change Model [\[website\]](#)
- Foresight: an introduction. [\[website\]](#)
- Foresight in the Present [\[website\]](#)
- Foresight for Development [\[website\]](#)
- Foresight Leadership: Future of Nursing and Health [\[website\]](#)
- Foresight Manual: Empowered Futures for the 2030 Agenda [\[website\]](#)
- Futures Thinking Play Book [\[website\]](#)
- Future Pod [\[website\]](#)
- Institute for the Future [\[website\]](#)
- Metafuture [\[website\]](#)
- Playbook for Foresight & Strategic Innovation [\[website\]](#)
- Public Sector Foresight [\[website\]](#)
- Shaping Tomorrow [\[website\]](#)
- Singularity Podcasts [\[podcast\]](#)
- Teach the Future Library [\[website\]](#)
- Trends Affecting Government and Society [\[website\]](#)
- United Nations Foresight Resources [\[article\]](#)
- World Futures Studies Federation [\[website\]](#)



nursing workforce

Nursing Workforce

- AACN Nursing Shortage Statistics [[website](#)]
- Activating Nursing to Address Unmet Needs in the 21st Century [[article](#)]
- Empowering Nurses to Improve the Workforce [[article](#)] (this is RNI)
- I'm Fine Project ([website](#))
- How the Nursing Profession Should Adapt for a Digital Future [[article](#)]
- Perceptions of Nursing [[article](#)]
- Pulse of the Nation's Nurses Surveys [[report](#)]
- State of the World's Nursing 2020: Investing in Education, Jobs, and Leadership [[report](#)]
- Study Exploring Relationship Between Burnout, Absenteeism, and Job Performance Among American Nurses [[article](#)]
- The Future of Nursing Report 2020 [[report](#)]



conferences

Conferences

- American Nurse Credentialing Center Magnet Pathway to Excellence [\[website\]](#)
- Cleveland Clinic Nursing Innovation Summit [\[website\]](#)
- HIMSS [\[website\]](#)
- HLTH [\[website\]](#)
- Innov8rs conference [\[website\]](#)
- Institute for Healthcare Improvement [\[website\]](#)
- International Conference on Innovations in Nursing Education and Practice [\[website\]](#)
- International Council of Nurses [\[website\]](#)
- Milken Institute [\[website\]](#)
- Nursing Research + Innovation Virtual Conference [\[website\]](#)
- Planting Seeds of Innovation [\[website\]](#)
- Reuters [\[website\]](#)
- Sigma Theta Tau Convention [\[website\]](#)
- South By Southwest (SXSW) [\[website\]](#)
- The Center for Health Design [\[website\]](#)
- THINC [\[website\]](#)
- VIVE [\[website\]](#)



awards + events

Innovation Awards

- ANA Innovation Awards [[website](#)]
- International Council for Nurses Innovation Award [[website](#)]
- NursePitch™ [[website](#)]

Innovation Events

- ANA Innovation Lounges [[website](#)]
- Breaking Down Barriers to Nursing [[website](#)]
- Nurse Hack for Health [[website](#)]
- Make Your Mark Global Lecture Series [[website](#)]



government

Government

- CMS Center for Innovation [[website](#)]
- HHS Innovations [website]
- Digital Health Center of Excellence - FDA [[website](#)]
- FDA Adverse Event Reporting System (FAERS) Public Dashboard [[website](#)]
- National Science Foundation Innovation Corp [[website](#)]



legal + intellectual property (ip)

Legal + IP

- Examination of Nurse-Authored Patents: Implications for Nursing Practice [[article](#)]
- Intellectual Property Basics [[website](#)]
- Intellectual Property Test Your Knowledge [[website](#)]

****Additional IP content can be found in the Medical Technology + Devices Resource Guide****



organizations with an innovation focus

Organizations With Innovation Focus

- American Association of Critical Care Nurses [[website](#)]
- AHRQ – Innovation Exchange [[website](#)]
- American Academy of Nursing – Edge Runners [[website](#)]
- American Telemedicine Association – Innovation Challenge [[website](#)]
- American Nurses Association - Innovation [[website](#)]
- American Nurses Credentialing Center – Magnet Prize [[website](#)]
- American Nurses Foundation – Reimagine Nursing [[website](#)]
- National Institute for Nursing Research [[website](#)]
- National League of Nursing – Division for Innovation [[website](#)]
- Nursing Institute for Healthcare Design [[website](#)]
- Sigma Theta Tau [[website](#)]
- SONSIEL [[website](#)]
- Additional Listing of Professional Nursing Organizations [[website](#)]



books

Books

- Leadership for Evidence-Based Innovation in Nursing and Health Professions 2nd Edition [[book](#)]
- The Nurse's Guide to Innovation: Accelerating the Journey [[book](#)]
- Transforming Interprofessional Partnerships: A New Framework for Nursing and Partnership-Based Health Care by Riane Eisler, Teddie M. Potter (2014) [[book](#)]
- Quantum Leadership: Creating Sustainable Value in Health Care 5th Edition [[book](#)]
- The Rebel Nurse Handbook [[website](#)]



fellowships

Fellowships

- Betty Irene Moore Fellowship Nurse Leaders & Innovators [[website](#)]
- Stanford Biodesign Innovation Fellowship [[website](#)]
- Johnson & Johnson Nurse Innovation Fellowship [[website](#)]



philanthropy + funding

Philanthropy

- American Nurses Foundation [[website](#)]
- Campaign For Action [[website](#)]
- Hillman Scholars in Nursing Innovation [[website](#)]
- Rita and Alex Hillman Foundation [[website](#)]
- RWJF [[website](#)]

Funding

- ANA Sandbox [[website](#)]
- An Introduction to U.S. Federal Funding for Healthcare Innovation
- Doctor of Nursing Practice Scholarships and Grants [[website](#)]
- Doctors of Nursing Practice Foundation [[website](#)]
- Independence Blue Cross Foundation Community Innovation Grants [[website](#)]
- Golden Seeds [[website](#)]
- Venturewell Grants [[website](#)]





There are resources, content, including organizations that are beneficial for nurse innovators to know about no matter their area of interest or focus.

These resources have been compiled into our
General Innovation Resource Guide.

Our goal when creating these resource guides was to avoid redundancy and ensure unique content across all eight resources.

The creation of the General Innovation Guide is a compilation of content from all seven innovation advisory committees. We thank each committee for contributing to the advancement of nurse-led innovation.



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the innovation resources everyone needs to know



The views and opinions expressed within these resources may not reflect the positions or policies of the American Nurses Association. The resources are provided for the sole purpose of highlighting innovative work across the nursing profession. Listing of links to organizations or groups shall not be construed as an endorsement of said organizations or groups. If you have any questions or concerns, please contact us [here](#).

