#### **Evolution of Clinical Research Nursing**

Elizabeth Ness, MS, BSN, RN, CRN-BC Director, Office of Education and Compliance Center for Cancer Research

1

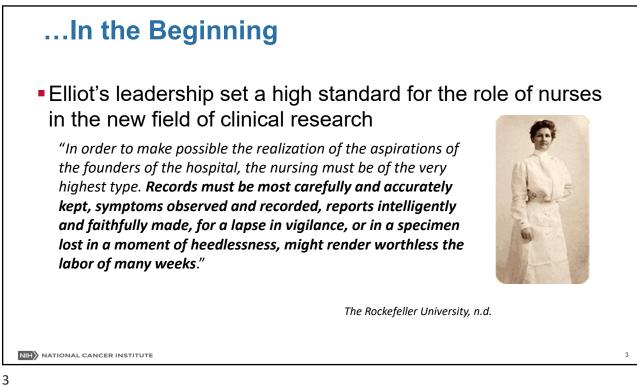
#### NIH NATIONAL CANCER INSTITUTE

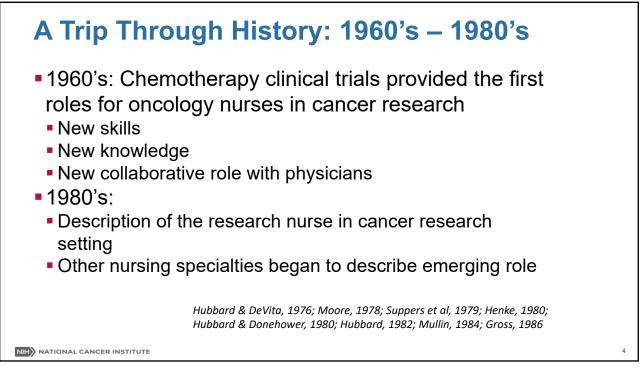
In the Beginning.....

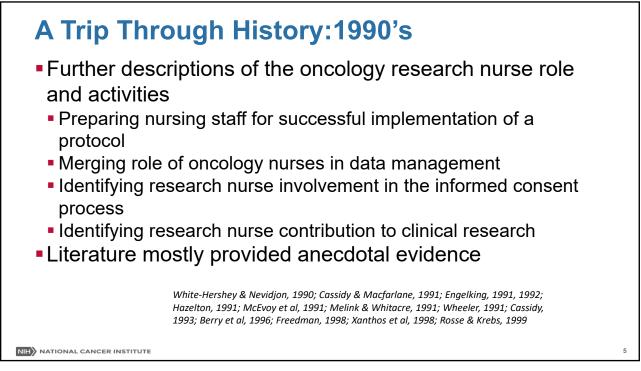
- 1910: Rockefeller Institute Hospital opened as the first center for clinical research in the U.S.
- Founders of Rockefeller Hospital knew that well-educated nurses would be required for a successful research program
- Nancy P. Elliot hired as the superintendent of nursing

WOMAN TO HEAD HOSPITAL. Miss Nancy P. Ellicott to be Superintendent of New Rockefeller Institution. MALTIMORE, Md., Oct. 29.-Miss Nancy P. Elliott, sister-in-law of Francis White, a well-known Baltimore citizen, will go to New York on Sunday to become Super-intendent of the new Rockefeller Hospital. The New York Times; October 30, 1909

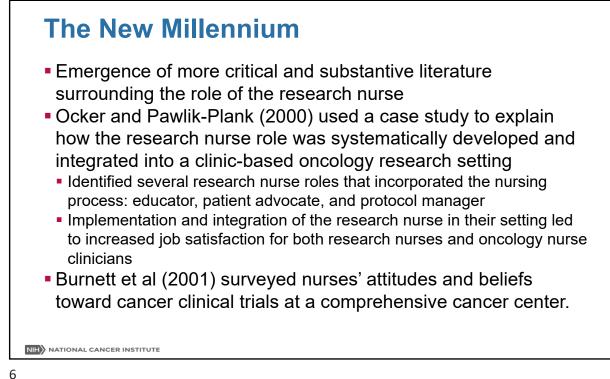
NIH NATIONAL CANCER INSTITUTE

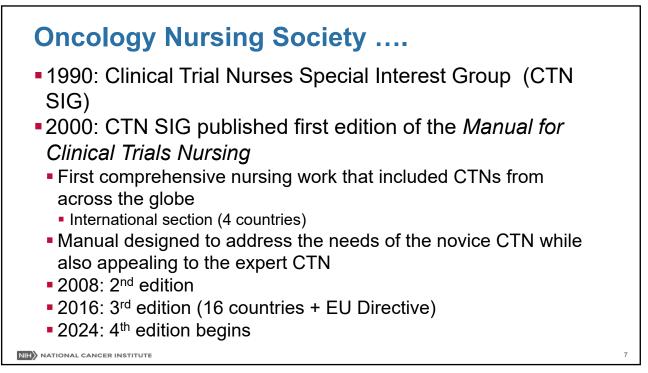






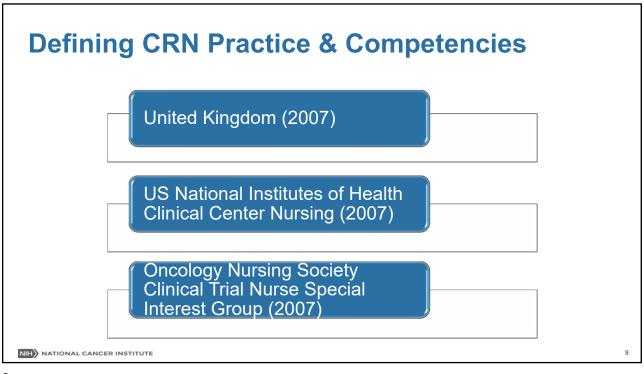








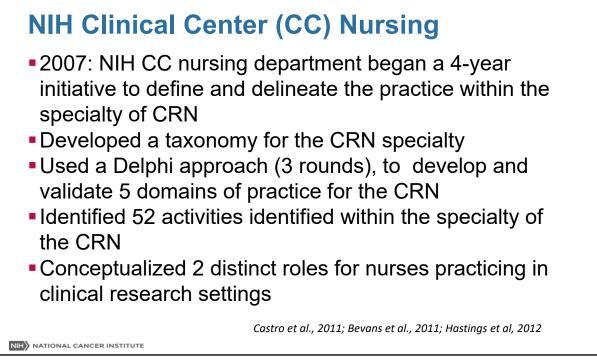


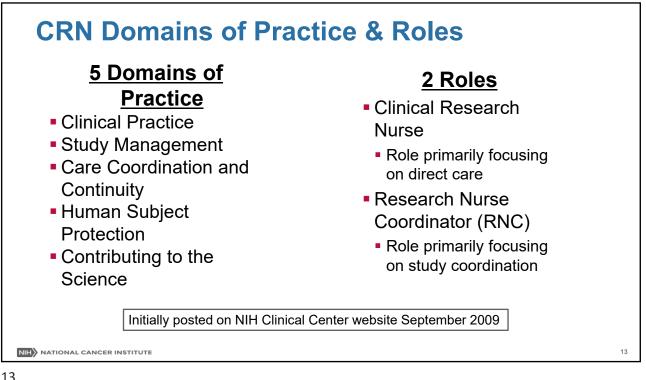




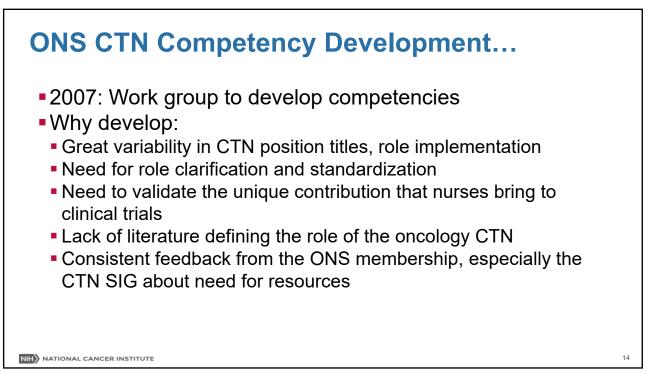




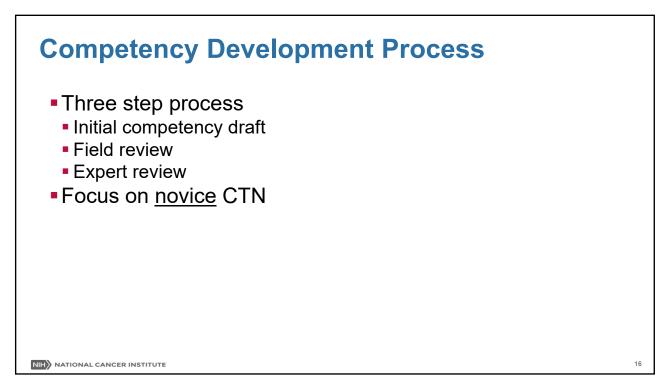


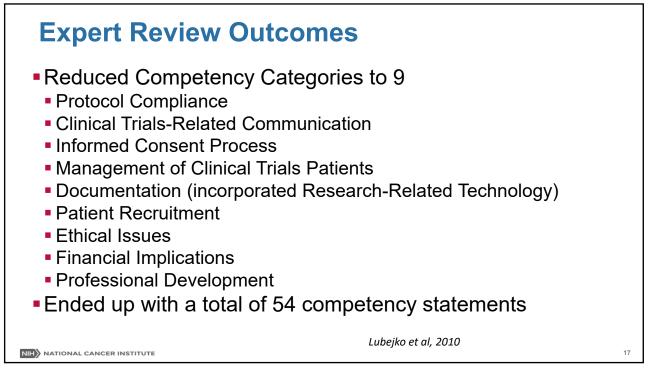




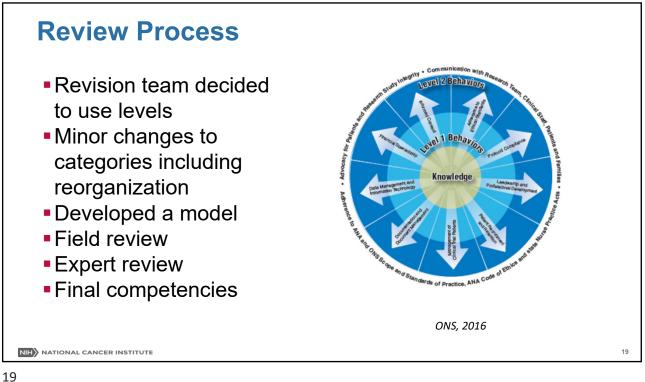








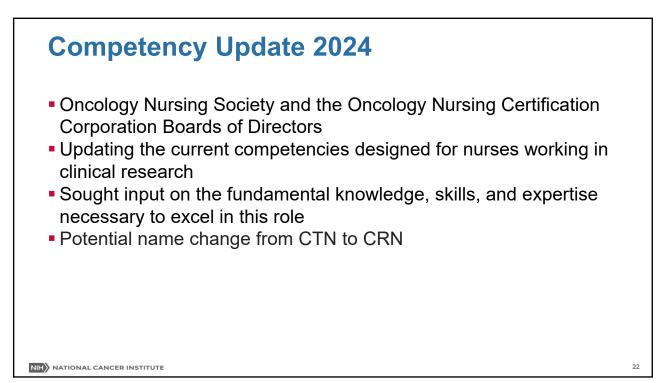
#### 2<sup>nd</sup> Edition OCTN Competencies Process started **ONS** Literature review: What's new in 2016 Oncology Clinical Trials **Nurse Competencies** the literature since initial competencies (related to nurses in research and competencies) Literature related to levels Literature related to dividing knowledge and behaviors Literature that led to new behaviors/competencies ONS, 2016 NIH NATIONAL CANCER INSTITUTE

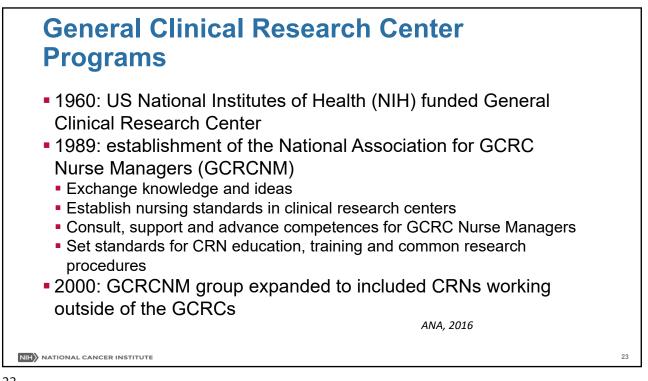


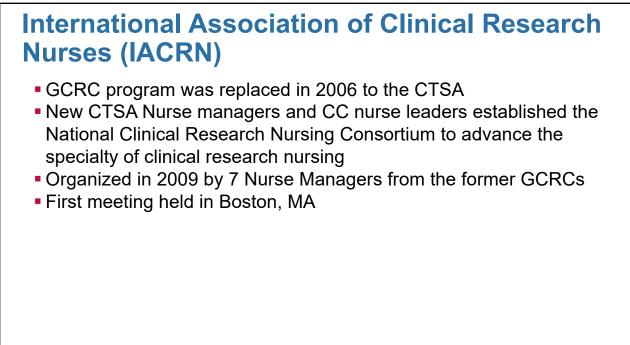
2010 Competency Categories	2016 Competency Categories
Protocol Compliance	Adherence to Ethical Standards
Clinical Trials-Related Communication	Protocol Compliance
Informed Consent Process	Informed Consent
Management of Clinical Trials Patients	Patient Recruitment and Retention
Documentation	Management of Clinical Trial Patients
Patient Recruitment	Documentation and Document Management
Ethical Issues	Data Management and Information Technology
Financial Implications	Financial Stewardship
Professional Development	Leadership and Professional Development

NIH NATIONAL CANCER INSTITUTE

Beguired Knowledge	ne rights and well-being of patients and		1
ANA Scope and Standards a     ANA Code of Ethics     Statement on the Scope and Standards     of Oncology Nursing Practice: b     Generalist and Advanced Practice     The Belmont Report     Definitions c         Research integrity definition         Clinical Equipoise	accordance with standards of nursing practice and the Code of Ethics. Or Promotes ongoing compliance with the key ethical concepts of respect for persons, beneficence, and justice. Ensures that members of vulnerable and other special needs populations enrolled in clinical trials are identified and that their rights are addressed. Maintains awareness of what constitutes falsification of data or other research misconduct. Adheres to federal and institutional requirements for research misconduct reporting.	interventions to provide education about misconduct in order to mitigate risk. c. Works with PI and/or research program to develop and reinforce a culture which facilitates compliance with reporting research misconduct.	







#### **CRN** Definition

Clinical Research Nursing is the specialized practice of professional nursing focused on maintaining equilibrium between care of the research participant and fidelity to the research protocol. This specialty practice incorporates human subject protection; care coordination and continuity; contribution to clinical science; clinical practice; and study management throughout a variety of professional roles, practice settings, and clinical specialties.

NIH NATIONAL CANCER INSTITUTE

25

## CRN Roles Clinician Direct care provider CRN study coordinator Advance clinician Manager Educator Advocate Regulatory Specialist

Nurse Scientist

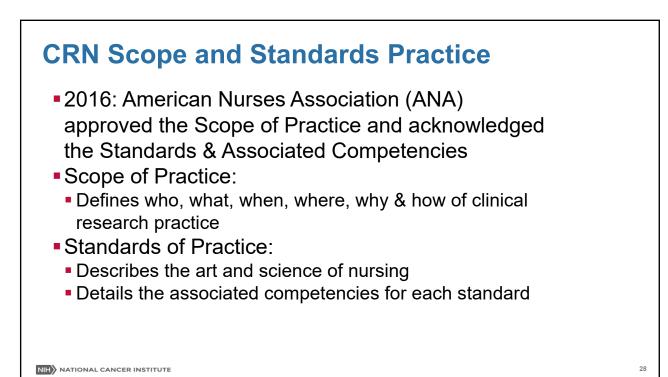
NIH NATIONAL CANCER INSTITUTE

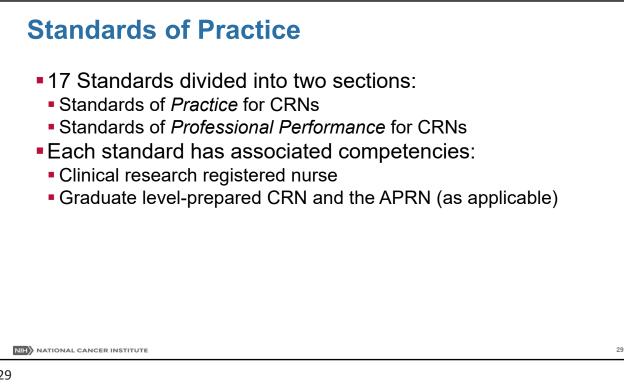
#### Principles that Guide Clinical Research Practice

- Safety and self-determination
- Research informed consent
- Fidelity to the research protocol
- Regulatory compliance

#### 27

NIH) NATIONAL CANCER INSTITUTE





ndards of Practico search Nursing	e for Clinical
1. Assessment	5. Implementation:
2. Diagnosis	5A. Coordination of Care
3. Outcomes Identification	5B. Health Teaching & Health Promotion
4. Planning	6. Evaluation
IONAL CANCER INSTITUTE	

#### **Standards of Professional Performance** for Clinical Research Nursing

7. Ethics	13. Evidence-Based Practice & Research
8. Culturally Congruent Practice	14. Quality of Practice
9. Communication	15. Professional Practice Evaluation
10. Collaboration	16. Resource Utilization
11. Leadership	17. Environmental Health
12. Eduction	

31

#### **Example: Practice Standard**

Standard 1. Assessment:

The clinical research registered nurse collects comprehensive data pertinent to the research protocol requirements and the research participant's health and/or situation.

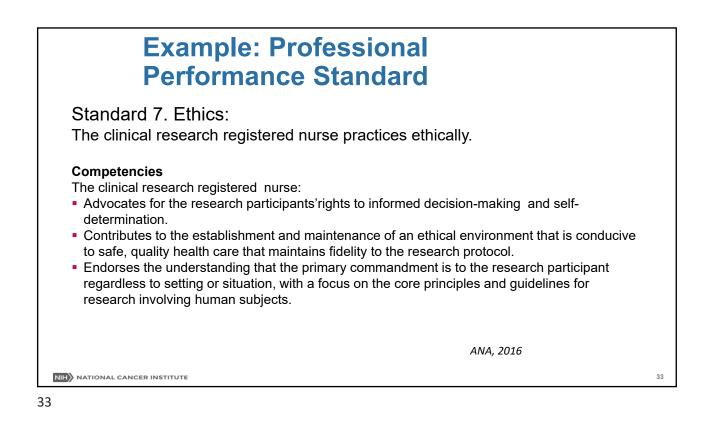
#### Competencies

The clinical research registered nurse:

- Documents relevant data in a retrievable format, ensuring IRB requirements for research data.
- Recognizes the research participants as the authority on their own health by honoring their care preferences, including their right to participate or withdraw from the research protocol.

ANA, 2016

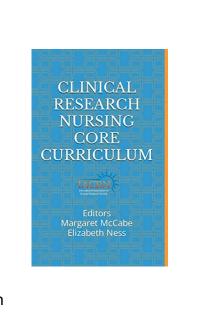
NIH NATIONAL CANCER INSTITUTE

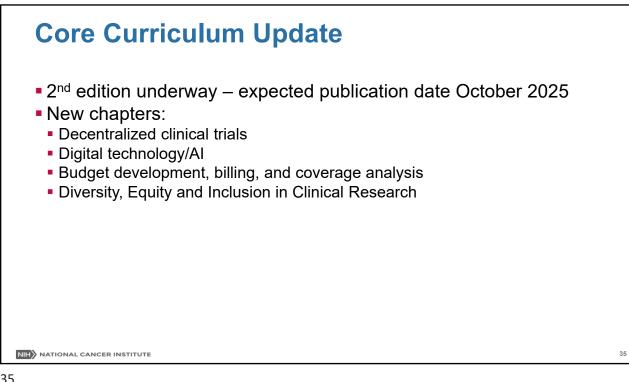


#### **Core Curriculum**

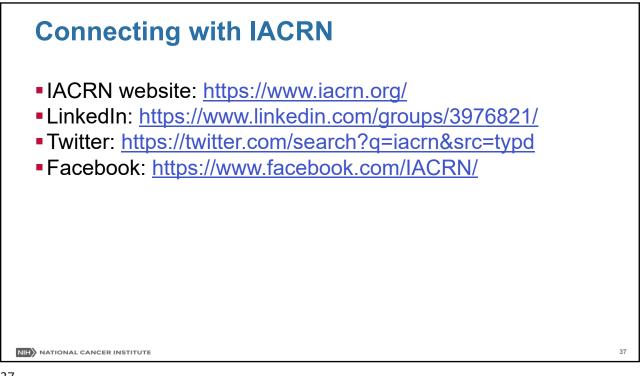
- The Evolution of Clinical Research Nursing
- Overview of Clinical Research
- The Ethical Context of Clinical Research
- Protection of Human Subjects
- Protocol Review and Approval
- Informed Consent
- Study Feasibility Assessment
- Recruitment and Retention
- Drug Development Process
- Roles and Responsibilities of the Clinical Research Nurse and Research Team
- Study Conduct and Participant Care
- Data and Safety Monitoring and Reportable Events
- Professional Development for the Clinical Research Nurse

NIH NATIONAL CANCER INSTITUTE





ommittees	Chapters	
Chapter Governance Conference Planning Education Membership, Marketing and Communication Nominations Research	Full ChaptersBeijing China BranchBoston New EnglandJapanNew York CityOhio ValleyRocky MountainUnited Kingdom/IrelandPilot ChaptersAfricaHoustonPennsylvaniaShanghai-China BranchSoutheastern (USA)	





#### **Professional Portfolio Validation of Expertise for Certification**

- The CRN-BC<sup>™</sup> credential represents the only nursing certification that recognizes expertise as a clinical research nurse.
- Certification will be earned through completion of a professional portfolio that validates the applicant's expert performance in clinical research nursing.

NIH NATIONAL CANCER INSTITUTE

39

# CRN-BC™ Certification Application form Complete the Certification Application form Complete a minimum number of contact hours of continuing education in clinical research Choose at least 2 of 5 professional activity options to document expertise and engagement in the role of clinical research nurse. Write an exemplar describing performance and development as an expert CRN in 4 key areas: professional growth, professional practice, team focus and interprofessional collaboration, and quality and safety. (Initial application only) Provide a current resume using the template Submit your application online

### Documentation of Practice Hours and Licensure

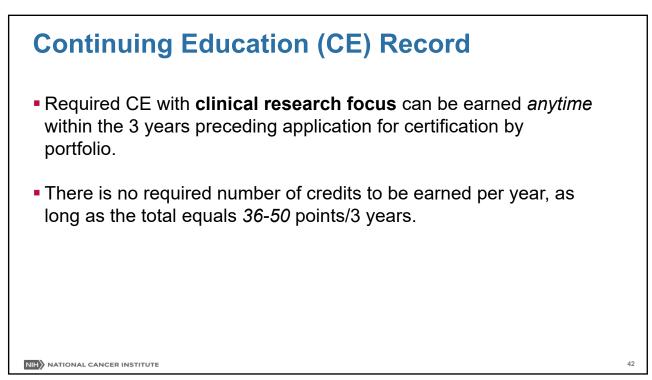
#### Licensure:

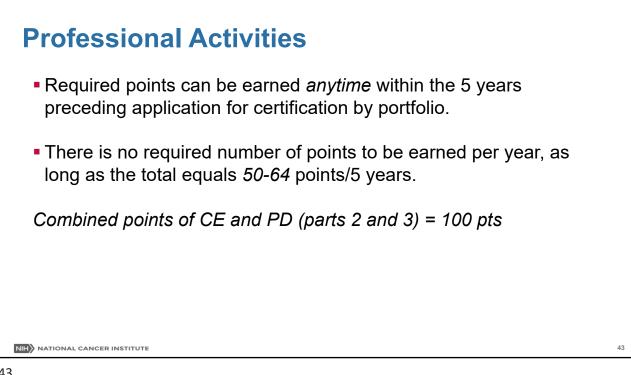
- Current & unencumbered RN license
- 2 years minimum as an RN at time of application for certification

#### **Specialty Practice:**

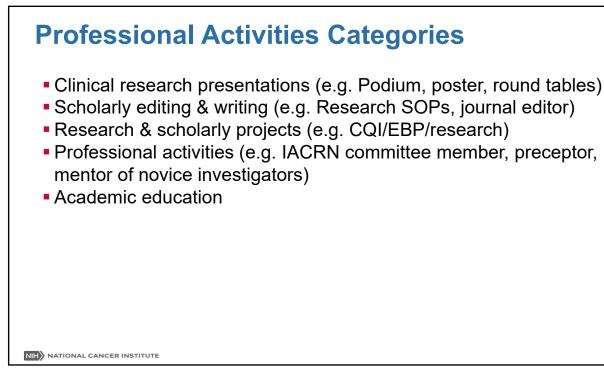
 Minimum 4,000 practice hours in the CRN role in the previous 3 years at time of application for certification.

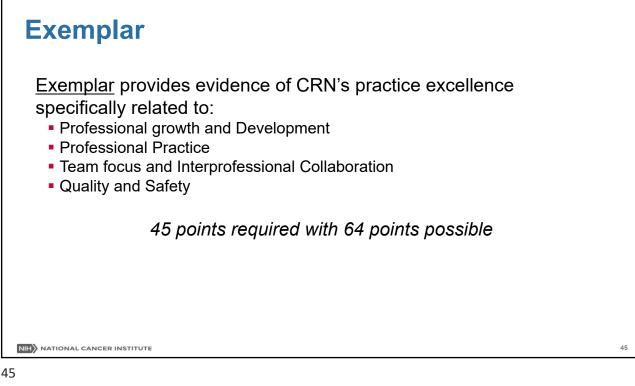
```
NIH NATIONAL CANCER INSTITUTE
```



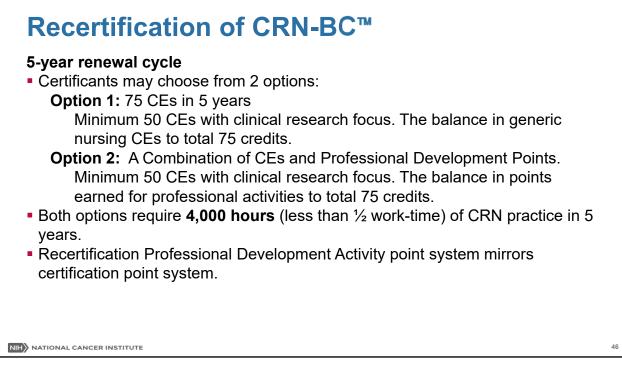


```
43
```









nitial Certification	Fees	Application Window
ACRN Member	\$345	March 1- April 1
		September 1- October 1
	March 1- April 1	
		September 1- October 1
*All fees, once paid	, are non-refu	indable and non-transferable

