MESSAGE FROM THE ACADEMY CHAIR

“2023 was a year of significant achievements for the Academy and ACRP Certification. The adoption of the 2023-25 Strategic Plan reaffirms our commitment to maintaining the highest standards of credentialing programs, enriching awareness of those programs, enhancing competency for credentialed professionals in clinical research, and sustaining the organization’s viability.

In October, we were proud to announce that ACRP awarded its 40,000th certification, marking a historic milestone for the most reputable credentialing program in clinical research. This milestone is not only an achievement for ACRP, but for the clinical research profession. It's a testament to every professional and employer who has committed to the highest standards in our important profession.

But we would not be as successful without the people that power our certification engine—from our member-elected Academy Board of Trustees to our dedicated ACRP-certified volunteers and ACRP staff members—and ensure ACRP Certification is the profession's most recognized and respected endorsement of clinical research competency. I am so proud of what we have achieved together this year and look forward to reaching greater heights in 2024!

STEVEN ZIEMBA, PhD, MBA, CIP, CCRC, CPI, ACRP PM, FACRP
Lead IRB Reviewer and Assistant Professor in Healthcare Administration, Northcentral University
Chair, Academy Board of Trustees
About the Academy
ACRP Certification is administered by the Academy of Clinical Research Professionals (the Academy), an independent affiliate of the Association of Clinical Research Professionals (ACRP).

Vision
Clinical research is performed responsibly, ethically, and professionally worldwide.

Mission
Promote and maintain high standards and best practices of clinical research by recognizing those professionals who demonstrate a well-defined competency through valid and reliable credentialing programs.

Organizational Values
Professional Excellence: We exemplify a commitment to ethical practice by conducting our activities in a transparent, professional, and responsible manner that promotes workforce excellence.

Integrity: We ensure fairness, accuracy, validity, and reliability in the development and administration of the certification program to ensure it meets the highest standards as defined by experts in the field.

Service: We expect excellence, innovation, continual organizational review, and improvement in delivering our programs to meet and exceed expectations.

Community and Collaboration: We work together with those whom we lead, serve, and partner with to promote competence and enhance the clinical research community.

Strategic Goals
The Academy will focus on maintaining the high standards of credentialing programs, enriching awareness of those programs, enhancing competency for credentialed professionals in clinical research, and sustaining the organization’s viability.

1. Continue to develop, maintain, and administer valid and reliable credentialing programs [focus on maintaining high standards].

2. Promote greater recognition of the value of professionals credentialed by valid and reliable programs [focus on enriching awareness] to increase the reach of current certification offerings and expand the scope of credentialing programs for clinical research professionals [focus on enhancing competency].
ACRP Certified Professional (ACRP-CP®) is a credential formally recognizing clinical research professionals of all types, regardless of their roles or functional activities on the clinical study team.

Certified Clinical Research Associate (CCRA®) is a credential formally recognizing clinical research professionals with experience monitoring and supervising the conduct and progress of clinical trials on behalf of a sponsor.

Certified Clinical Research Coordinator (CCRC®) is a credential formally recognizing clinical research professionals with experience coordinating and facilitating clinical trial activities in adherence to Good Clinical Practice, under the direction of a principal investigator.

Certified Principal Investigator (CPI®) is a credential formally recognizing clinical research professionals with experience as a principal investigator or sub investigator on multiple studies.

ACRP Medical Device Professional (ACRP-MDP®) is a credential formally recognizing clinical research professionals with specialized knowledge in medical device clinical trials. Candidates must be ACRP Certified to sit for this exam.

ACRP Project Manager (ACRP-PM®) is a credential formally recognizing clinical research professionals with specialized knowledge in project management. Candidates must be ACRP Certified to sit for this exam.

MESSAGE FROM THE ASSOCIATE DIRECTOR, CERTIFICATION

“Reflecting on the incredible journey over this past year, the Academy achieved numerous milestones that resonate with excellence. From the prestigious accreditation of our ACRP-CP® certification program to the seamless transition to our new testing partner, ACRP’s commitment to setting the highest standards in clinical research credentialing has never been stronger. Behind the scenes, we would never have achieved this success without the unwavering dedication of our Academy Subject Matter Experts and devoted volunteers, whose commitments have been instrumental in shaping the success of our credentialing programs. The accomplishments of 2023 pave the way for an even brighter future for ACRP Certification and the entire clinical research community.”

STEVEN GONZALEZ, ICE-CCP
Associate Director, Certification, ACRP
DEMOGRAPHICS OF ACTIVE ACRP CERTIFICANTS

n=10,419

In 2023, 1,986 individuals applied for ACRP Certification, 1,717 individuals were found eligible to test, and 1,255 individuals were granted their initial certification—raising the number of active ACRP Certificants to 10,419. The total number of certifications granted was 10,952.

CERTIFICATIONS
- CCRC®: 7,037
- CCRA®: 1,866
- ACRP-CP®: 1,185
- CPI®: 331

PRIMARY ROLE
- Clinical Research Coordinator: 3,550
- Clinical Research Associate/Monitor: 1,281
- Operations Director/Manager: 974
- Other: 964
- Research Manager: 932
- Clinical Research Nurse: 929
- Project Manager: 860
- Regulatory Specialist: 261
- Investigator: 256
- Quality Control Specialist: 156
- Clinical Research Scientist: 155
- Not a Clinical Research Professional: 101
### CLINICAL RESEARCH FOCUS

- Study Conduct: 3,693
- Trial Management: 252
- Business Operations and Administration: 169
- Regulatory Affairs: 44
- Not Currently Conducting Research: 418
- Medical Affairs and Safety: 490
- Bioinformatics: 3,054

### PRACTICE SETTING

- **Academic Medical Center/University**: 2,382
- **Clinical Study Site (Freestanding/Independent)**: 1,657
- **Hospital**: 1,612
- **Contract Research Organization (CRO)**: 1,264
- **Pharmaceutical/Biotech Company**: 898
- **Healthcare Organization/Association**: 763
- **Private Medical Practice**: 641
- **Medical Device Company**: 493
- **Other**: 415
- **Consulting Practice**: 294

### COMPANY SIZE n=6,440

- **999 - LESS THAN 20 EMPLOYEES**: 1,271
- **1,271 - 20-200 EMPLOYEES**: 438
- **438 - 201-500 EMPLOYEES**: 397
- **397 - 501-1,000 EMPLOYEES**: 3,335
- **3,335 - MORE THAN 1,000 EMPLOYEES**: 1,077
### COUNTRIES

<table>
<thead>
<tr>
<th>Country</th>
<th>Members</th>
<th>Non Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNITED STATES</td>
<td>9,823</td>
<td>2,746</td>
</tr>
<tr>
<td>CANADA</td>
<td>274</td>
<td>85</td>
</tr>
<tr>
<td>OTHER COUNTRIES</td>
<td>197</td>
<td>50</td>
</tr>
<tr>
<td>JAPAN</td>
<td>50</td>
<td>17</td>
</tr>
<tr>
<td>AUSTRALIA</td>
<td>46</td>
<td>29</td>
</tr>
<tr>
<td>TAIWAN</td>
<td>29</td>
<td>18</td>
</tr>
</tbody>
</table>

### GENDER

- Female: 8,162
- Male: 1,358
- No Response: 898
- Transgender: 1

### ETHNICITY

- White: 3,656
- Hispanic: 523
- Asian: 455
- Black: 326
- Other: 129
- Pacific Islander: 24
- Native American: 18
- No Response: 5,288

### ACRP MEMBER

- Members: 5,881
- Non Members: 4,538

### HIGHEST LEVEL OF EDUCATION

- Bachelor’s Degree: 1,394
- Master’s Degree: 276
- Doctorate Degree: 401
- Associate Degree: 656
- Other Certificates and Degrees: 817
- High School Diploma: 2,897
- No Response: 3,978
## 2023 Exam Statistics

<table>
<thead>
<tr>
<th>2023 Exam Statistics</th>
<th>ACRP-CP®</th>
<th>CPI®</th>
<th>CCRA®</th>
<th>CCRC®</th>
<th>CCRC®</th>
<th>ACRP-MDP®</th>
<th>ACRP-PM®</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Form 8730012311</td>
<td>Form 8730092311</td>
<td>Form 8730062311</td>
<td>Form 8730032311</td>
<td>Form 8730032321</td>
<td>Form 8731022011</td>
<td>Form 8730102001</td>
</tr>
<tr>
<td><strong>Total # Candidates Tested in 2023</strong></td>
<td>455</td>
<td>34</td>
<td>212</td>
<td>401</td>
<td>532</td>
<td>12</td>
<td>71</td>
</tr>
<tr>
<td><strong>Percentage of Passing Candidates</strong></td>
<td>74.1%</td>
<td>85.3%</td>
<td>60.8%</td>
<td>74.1%</td>
<td>72.9%</td>
<td>75.0%</td>
<td>93.0%</td>
</tr>
<tr>
<td><strong>Passing Point</strong></td>
<td>71</td>
<td>69</td>
<td>73</td>
<td>71</td>
<td>73</td>
<td>37</td>
<td>33</td>
</tr>
<tr>
<td><strong>Average Score</strong></td>
<td>75.78</td>
<td>77.68</td>
<td>73.15</td>
<td>75.44</td>
<td>78.56</td>
<td>38.42</td>
<td>36.89</td>
</tr>
<tr>
<td><strong>Standard Deviation</strong></td>
<td>10.40</td>
<td>9.00</td>
<td>13.76</td>
<td>11.41</td>
<td>10.65</td>
<td>4.23</td>
<td>2.94</td>
</tr>
<tr>
<td><strong>Standard Error of Measurement</strong></td>
<td>3.90</td>
<td>3.78</td>
<td>4.00</td>
<td>3.93</td>
<td>3.68</td>
<td>2.59</td>
<td>2.80</td>
</tr>
<tr>
<td><strong>Decision Consistency Reliability Estimate</strong></td>
<td>0.84</td>
<td>0.89</td>
<td>0.86</td>
<td>0.87</td>
<td>0.87</td>
<td>0.70</td>
<td>0.85</td>
</tr>
<tr>
<td><strong>Reliability Estimate</strong></td>
<td>0.859</td>
<td>0.824</td>
<td>0.915</td>
<td>0.881</td>
<td>0.881</td>
<td>0.625</td>
<td>0.098</td>
</tr>
<tr>
<td><strong>Total Number of Exam Items</strong></td>
<td>125 (100 scored)</td>
<td>125 (100 scored)</td>
<td>125 (100 scored)</td>
<td>125 (100 scored)</td>
<td>125 (100 scored)</td>
<td>60 (50 scored)</td>
<td>60 (50 scored)</td>
</tr>
</tbody>
</table>

1 The SEM is an estimate of the standard deviation of the distribution of observed scores around the true score. The SEM of a raw score is computed from the reliability estimate ($\alpha_x$) and the standard deviation (SD) of the scores.


3 Internal consistency reliability estimates were computed using Cronbach’s coefficient alpha (Cronbach, 1951). The Cronbach alpha statistic may not be reliable for exams with small candidate volumes including DEV, PSTM, and CPI. Cronbach, L. J. (1951). Coefficient alpha and the internal structure of tests. *Psychometrika*, 16, 297-334.
VOLUNTEERS

ACADEMY BOARD OF TRUSTEES

Academy leadership is provided by a volunteer-based, member-elected Board of Trustees. Trustees serve a minimum term of three years and can be re-elected for one additional three-year term.

CHAIR
Steven Ziemba, PhD, MBA, CIP, CCRC, CPI, ACRP-PM, FACRP
Lead IRB Reviewer and Assistant Professor in Healthcare Administration, Northcentral University

VICE-CHAIR
Robert O’Connor, CCRA, ACRP-CP, FACRP
Senior Clinical Scientist, The Procter & Gamble Company’s Baby, Feminine, and Family Care BioSciences Department

IMMEDIATE PAST CHAIR
Norbert Clemens, MD, PhD, CPI, ACRP-PM, ACRP-MDP, FACRP
Freelance Consultant

PUBLIC MEMBER
Kristin Smedley
Founder, Thriving Blind Academy

ACRP BOARD LIAISON
Tiffany Mayo, MD
Associate Professor of Dermatology, The University of Alabama at Birmingham (UAB)

SECRETARY/TREASURER
Susan P. Landis
Executive Director, ACRP

Calvin Bresor, CCRA, ACRP-PM
Senior Clinical Lead, ProPharma

Robert Greco, BS, RPh, CCRA, ACRP-CP, FACRP
Associate Director, Site Management, Bayer

Glenda Guest, BS, CCRA, RQAP-GCP, ACRP-MDF, FACRP
President, Assured of Quality Consulting & Training

Dee Tilley, RN, CGRN, CCRC, ACRP-MDP, ACRP-PM, FACRP
Clinical Research Nurse, Bon Secours Mercy Health – St. Vincent Medical Center

Calvin Brasor, CCRA, ACRP-PM
Senior Clinical Lead, ProPharma

Robert Greco, BS, RPh, CCRA, ACRP-CP, FACRP
Associate Director, Site Management, Bayer

Glenda Guest, BS, CCRA, RQAP-GCP, ACRP-MDF, FACRP
President, Assured of Quality Consulting & Training

Dee Tilley, RN, CGRN, CCRC, ACRP-MDP, ACRP-PM, FACRP
Clinical Research Nurse, Bon Secours Mercy Health – St. Vincent Medical Center

Academy leadership is provided by a volunteer-based, member-elected Board of Trustees. Trustees serve a minimum term of three years and can be re-elected for one additional three-year term.
2023 GLOBAL EXAM COMMITTEE MEMBERS

ACRP-CP® Global Exam Committee
Deborah Rosenbaum, CCRC, CCRA, ACRP-CP, ACRP-PM
Claudia Christy, CCRC, ACRP-CP
MeeLee Tom, CCRA, ACRP-CP, ACRP-MDP
Suzanne Day, ACRP-CP
Sharleen Weese Maley, ACRP-CP
Bev Assman, CCRA, ACRP-CP

CCRC® Global Exam Committee
Susan Donahue, CCRC, ACRP-PM
Alisha Daniels, CCRC, ACRP-PM
Stephanie Mullin, CCRC
Hubert Lesur, CCRC
Mary Checovich, CCRC
Patricia Burks, CCRC
Ashley Smith, CCRC

CCRA® Global Exam Committee
Nicki Tieken, CCRA, ACRP-CP
Lisa Ince, CCRC, CCRA
Margaret Kretschmer, CCRA, ACRP-PM
Chie Narita, CCRA
Cynthia Forrest, CCRC, CCRA

CPI® Global Exam Committee
Randall Stoltz, CPI
Thomas Ng, CPI
Jackson Snyder, CPI, ACRP-MDP
Sharon Moore, CPI
Anita Kablinger, CPI

"Certification is a crucial step for anyone who wants to succeed in clinical research. It demonstrates your commitment to the profession, enhances your credibility, and helps you stay up to date with the latest trends and best practices. Obtaining my certification validated my knowledge and expertise in the field, opened new opportunities, and helped advance my career."

DOLORES MCCALL, BS, MBA, MH
Independent Consultant, DZ4 Consulting
ACRP Certified Since 1997
## 2023 ACRP Item Writers

<table>
<thead>
<tr>
<th>Jennifer Idris, ACRP-CP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tara Green, ACRP-CP</td>
</tr>
<tr>
<td>Kristi Pinkston, CCRA</td>
</tr>
<tr>
<td>Nafeesa Saadi, CCRC</td>
</tr>
<tr>
<td>Danielle Desser, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Danielle Desser, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Nisha Raj Revirajan, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Daniil Perche, MD, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Craig Smith, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Johneth Naculangan, CCRA</td>
</tr>
<tr>
<td>Marlene Feron-Rigodon, CCRC</td>
</tr>
<tr>
<td>Alyssa Espinosa, CCRC</td>
</tr>
<tr>
<td>Mary Niles, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Elizabeth Barker, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Leslie Byatt, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Juan Gutierrez, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Sophia Cady, CCRA</td>
</tr>
<tr>
<td>Paul Below, CCRA, ACRP-PM</td>
</tr>
<tr>
<td>Siyu McPherson, CCRA</td>
</tr>
<tr>
<td>Angela Kelly, CCRA</td>
</tr>
<tr>
<td>David Geller, CCRC</td>
</tr>
<tr>
<td>Mustafa Al Tannir, CCRA</td>
</tr>
<tr>
<td>Sylvie Desfeu, CCRA</td>
</tr>
<tr>
<td>Madeline Banister, CCRA</td>
</tr>
<tr>
<td>Nafeesa Saadi, CCRC</td>
</tr>
<tr>
<td>Sara Chalhoub, CCRC</td>
</tr>
<tr>
<td>Olusegun Adejala, MD, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>Susana Moyano Antepara, MD, CCRA</td>
</tr>
<tr>
<td>Olutola Adegbesade, MD, CCRC, ACRP-PM</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>
EXPLANATION OF TERMS

TOTAL SCORED ITEMS ON EXAM: The current examination length is 125 questions. However, 25 of those are pre-test questions. The pre-test questions are evaluated for possible inclusion in an exam at a later date. Information on how candidates perform on those questions is collected without the questions affecting a candidate’s score.

TOTAL SCALED SCORE POSSIBLE: This is the highest score possible and represents a perfect score. The Academy uses a scaled score. Scaled scoring is a common practice among certification programs with multiple forms of the exam.

PASSING POINT: This is the raw score a candidate must receive to pass the exam. The raw score correlates to the number of questions a candidate must answer correctly, based on which form of the exam the candidate is taking. That number can differ from form to form. The number of questions that must be answered correctly is determined by evaluating the exam’s overall difficulty level. The more difficult the exam, the fewer questions a candidate would have to answer correctly to be assessed as having mastered the content. The Academy uses the Modified Angoff method to establish the passing point. The exam is not scored on a “curve” and there is not a predetermined number or percentage of candidates that will pass. The passing score is set for each exam form.

RELIABILITY ESTIMATE: Internal consistency reliability estimates were computed using Cronbach’s coefficient alpha (Cronbach, 1951). Cronbach’s alpha tells us how well the questions in a test relate to each other using a statistical measure ranging from 0 to 1, where higher values indicate greater internal consistency. The Cronbach alpha statistic may not be reliable for exams with small candidate volumes including the ACRP-MDP®, ACRP-PM®, and CPI® programs.

STANDARD ERROR OF MEASUREMENT: The standard error of measurement yields an estimate of the average amount of error associated with a test score received on an Academy exam. A large standard of error indicates a significant amount of error can exist in the score received. The small standard of error for the Academy exams suggest an accurate measurement of the knowledge and skills necessary for conducting clinical research safely, effectively, and in accordance with globally recognized standards.

Each accredited certification program is overseen by a Global Exam Committee made up of currently certified clinical research professionals who work with a professional testing agency to develop each exam. The exams for each program (CCRC®, CCRA®, ACRP-CP®, CPI®) go through several review steps by each Global Exam Committee before being released for administration. In addition, the passing standard is set by a diverse panel of currently certified clinical research professionals.

Currently, there are 132 active Subject Matter Experts (SMEs). They are Academy certificants who participate in special training in how to write multiple choice test questions or participate in the Exam Committee for each program. Every draft test question must be linked to a topic area found on the Detailed Content Outline (DCO) for a specific designation, as the Outlines are specific to each job role. Each question must also be referenced directly to a specific section of the ICH Guidelines E2A, E6 (R2), E8, E9, and E11. References are designed to provide supporting evidence for the correct answer.

"Maintaining my ACRP certification brings a sense of pride and sets my clinical research career apart from others in the industry. I committed myself long ago to the Key Principles of Good Clinical Practice (GCP) to be an example and inspiration to others."

CINDY COATES, BS, CCRC
Public Health Analyst, National Institutes of Health
ACRP Certified Since 2002
The Academy is gearing up for a Job Analysis Study in 2024 to refine our understanding of the evolving roles within the clinical research enterprise. This study will lead to the development of new test blueprints and exam forms for the next five years.

Stay tuned for communications from ACRP on how you can get involved in shaping the future of ACRP Certification by lending your expertise as a Subject Matter Expert. You’ll make a meaningful impact in our mission to promote excellence in clinical research!

Driven by our commitment to elevate the quality and reliability of our program, ACRP has established a new relationship with PSI, a leading partner in developing and administering high-stakes examinations in accordance with NCCA accreditation standards. PSI delivers over 22 million tests every year, backed by exceptional test taker experiences, innovative test delivery solutions, and best practice test development. We are confident that partnering with PSI will lead to an elevated testing experience for ACRP Certificants.