

**Attachment 2. Application for Credentials Review and Examination**

**American Board of Applied Toxicology  
Application for Credentials Review and Examination**

**Instructions: Please type all information. A completed electronic version of this document in MS Word 97 format is due March 1. Submit 1 signed copy of this application to the Chair of the Credentialing committee by March 5. A combined application and testing fee of \$500 US dollars, made payable to the American Board of Applied Toxicology, must also accompany the application. If credentialing is denied for any reason, the \$300 examination fee will be refunded.**

**Mail to:** Lee Cantrell, PharmD, DABAT  
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University of California San Diego Medical Center  
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San Diego, California 92103-8925  
[fcantrel@ucsd.edu](mailto:fcantrel@ucsd.edu)

**Name:** \_\_\_\_\_  
Surname First Middle

**Corresponding Address:** \_\_\_\_\_  
Institution  
\_\_\_\_\_  
Street or Post Office Box  
\_\_\_\_\_  
City State Zip

**Telephone:** \_\_\_\_\_  
Work Home

**Formal Education:**

<u>Degree(s)</u>	<u>Institution</u>	<u>Field of Study</u>	<u>Year</u>
Ph.D.	_____	_____	_____
Pharm.D.	_____	_____	_____
M.Sc.	_____	_____	_____
B.Sc.	_____	_____	_____
Other	_____	_____	_____

**Licensure:** \_\_\_\_\_  
State/Province Profession License Number



**PRACTICE:**

5. Maximum = 8. Do you **routinely** monitor and provide advice on the therapy of poisoning victims (e.g. poison center cases, manufacturer's input to a poisoning case, part of a multidisciplinary health care team, direct patient contact), or have you done so in the past? Please provide documentation to support your activities.

\_\_\_ Yes                      \_\_\_ No                      If Yes, describe:

Instructions for scoring: If the candidate is clearly involved in the routine assessment and care of poisoned patients via **direct** patient contact, participating in a multidisciplinary health care team, handling poisoning or overdose cases, score 6 points;

If the candidate is only sporadically involved in assessment and care of poisoned patients via direct patient contact, participating in a multidisciplinary health care team, award 3 points.

If the applicant is involved in reviewing completed cases or is a member of a multidisciplinary team only for his contribution to student or staff teaching and not patient care, award 3 points.

If the applicant's primary patient evaluation and consultation activity is as only as a poison specialist, the maximum award is 1 point.

If the applicant personally provides written consults/progress notes on a routine basis, award an additional 2 points.

If the applicant personally provides written consults on an occasional basis, award an additional 1 point.

**NOTE:** In order to achieve the MAXIMUM points in this section, the applicant **MUST** be involved in the routine assessment of poisoning patients via direct patient contact **AND** provide written consults/progress notes to document those interactions.

If the applicant's primary patient evaluation and written consultation activity is as a poison specialist, the **maximum** score they may achieve for question # 5 is 1 point.

6. Maximum = 2. Do you routinely provide education on poisoning to members of the lay community, or have you done so in the past (e.g. poison prevention education or individual counseling)? Please provide documentation to support your activities.

\_\_\_ Yes                      \_\_\_ No                      If yes, describe:

Instructions for scoring: If the applicant communicates directly (this does NOT include telephone contact) with individual patients about poison prevention, award 1 point.

If the applicant participates in community education programs, or develops educational materials, award 1 point.

If the applicant only attends health fairs or hands out materials, award 0 points.



7. Maximum = 5. Do you provide expert witness testimony (i.e. testify at a trial or give a sworn deposition), in legal matters dealing with poisons or poisonings, or have you done so in the past? Please provide documentation to support your activities.

Yes                       No                      If Yes, describe:

Instructions for scoring: If the applicant has provided expert witness testimony to civil, criminal or appeals courts and has been recognized by the courts as an expert on more than three occasions, award 5 points.

If the applicant has provided expert witness testimony on less than three occasions, award 3 points.

If the applicant has produced reports for legal matters, but has not been recognized by the court as an expert witness (i.e. reviewing records but not testifying at trial or giving a sworn deposition), award 1 point.

8. Maximum = 5. Do you provide advice to governmental agencies (e.g. FDA, EPA, etc.), industry, or others on the regulatory aspects of toxicology issues (e.g. product labeling, material safety data sheets, toxicity testing), or have you done so in the past? Please provide documentation to support your activities.

Yes                       No                      If Yes, describe:

Instructions for scoring: If the applicant has provided written opinions to governmental agencies (e.g. FDA, EPA) for regulatory purposes on more than three occasions, award 5 points.

If the applicant has provided written opinions to governmental agencies (e.g. FDA, EPA) for regulatory purposes on less than three occasions, award 3 points.

If the applicant has provided written reports to drug or chemical manufacturers on more than three occasions, award 3 points.

If the applicant has provided written reports to drug or chemical manufacturers on less than three occasions, award 1 point.

If the applicant provides only oral reports, provide 0 points.

#### **EDUCATION:**

9. Maximum = 2. Do you serve as formal program director or major professor for one (or more) clinical toxicology residents, post graduate trainees or visiting scientists, or have you done so in the past? Please provide documentation to support your activities.

Yes                       No                      If Yes, describe:

Instructions for scoring: If the applicant serves as a formal director for a residency/fellowship program or serves as a major professor for one (or more) clinical toxicology resident/fellow, post graduate trainee or scientist, award 2

points. NOTE: this criterion does **NOT** include precepting students or residents. Please see the section below for capturing precepting experience.

10. Maximum = 6. Do you have or have you had didactic and/or clinical responsibilities for the teaching of clinical toxicology to health professionals or health professional students? Please provide documentation to support your activities.

Yes                       No                      If yes, describe

Instructions for scoring: If the applicant developed and conducts more than three advanced toxicology didactic courses (or modules) on the graduate level, award 4 points.

If the applicant developed and conducts less than three advance toxicology didactic courses (or modules), award 2 points.

As above but on a B.S. level, award either 3 or 1 points.

If the applicant serves as a formal clinical clerkship teacher or preceptor for students (including role model practice), award 4 points.

If the applicant has contact with students but not as the formal teacher or preceptor, award 1 point.

11. Maximum = 3. Do you serve as an editor, editorial board member, or referee for health care or toxicology related publications, or referee for abstracts submitted to a toxicology related conference, or have you done so in the past? Please provide documentation to support your activities.

Yes                       No                      If Yes, describe:

Instructions for scoring: Editor or editorial board member of national – international publication award 2 points.

Editor or editorial board member of state publication, award 2 points

Editor or editorial board member of local publication, award 1 point

Referee for leading toxicology, biomedical or scientific journals, award 1 point

Abstract reviewer for scientific meeting, award 0.5 point.

12. Maximum = 4. Have you made any presentations (platform or poster) at professional meetings on subjects pertinent to clinical toxicology (including continuing education programs)? Please provide documentation to support your activities.

Yes                       No                      If Yes, list the title, meeting, location and date:

Instructions for scoring: For every national or international presentation, award 1 point.

For every two state or regional meetings, award 1 point.

For every four local presentations (platform or poster) at professional meetings (CE or otherwise), award 1 point

13. Maximum = 5. Have you authored publications on toxicology practice or toxicology related matters? NOTE: Please do not include research publications at this time.

\_\_\_ Yes                      \_\_\_ No                      If Yes, indicate as follows:

A. Indicate the **number** of the following types of publications either previously published or currently in press (manuscripts submitted for publication and in preparation should not be included).

1. Books
2. Book chapters
3. Journal review articles, case reports
4. Letters to the editor or other scholarly activities
5. Other categories (newsletters, monographs, manuals, etc.)

B. Provide a complete list of the publications for categories 1-5 using standard National Library of Medicine (please see <http://www.ashp.org/public/pubs/ajhp/procforsub.html> for specific information on formatting) format. Precede each reference with the category number to which it applies. Indicate with the letter "R" which publications are refereed.

Instructions for scoring: For each book, book chapter, journal review article, or case report (NOTE: case reports are NOT considered research in the subsequent section) published in a national or international refereed clinical or scientific journal, award 1 point.

For each editorial, letter to the editor or article published in a non-refereed journal, award 0.5 points.

For newsletters and monographs award 0.5 points.

**NOTE:** The maximum score that can be obtained from publications of newsletters or monographs or other non-refereed publications is 2 points.

#### **RESEARCH:**

14. Maximum = 6. Are you, or have you been involved with the design, review, implementation, or monitoring of clinical toxicology or practice related research? Please provide documentation to support your activities.

\_\_\_ Yes                      \_\_\_ No                      If Yes, list each protocol and describe your role (e.g. Principal investigator, Collaborating Investigator, Reviewer, etc.)  
Indicate which protocols were funded.

<u>Protocol</u>	<u>Role</u>	<u>Funded Y/N</u>
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Instructions for scoring: Award 2 points for each protocol designed and implemented if the applicant was a principal investigator or project leader.

Award 1 point if co-investigator.

Add 0.5 point for each funded protocol.

15. Maximum = 14. Have you authored research reports on clinical toxicology related matters? Please provide documentation to support your activities.

Yes

No

If Yes, indicate as follows:

A. Indicate the **number** of the following types of research reports:

1. Research reports published in a scientific or clinical journal

2. Research abstracts published

3. Research reports prepared for a sponsoring or funding agency

B. On a separate sheet provide a complete list of the research reports for categories 1-3. Precede each report with the number to which it applies.

Instructions for scoring: For each **research** paper published in a national or international refereed clinical or scientific journal, award 1 point if applicant is first author, 0.5 point if co-author.

For each **research** abstract published from any national or international clinical or scientific meeting, award 0.5 point if first author or co-author.

Award 1 point for each **research** report for a sponsoring agency. NOTE: this does NOT include standard reports to sponsoring agency.

### **LEADERSHIP:**

16. Maximum = 5. Have you received any professional honors or awards? NOTE: Awards do not necessarily have to relate to toxicology but the award should relate to the applicants professional activities. Please provide documentation to support your activities.

Yes

No

If Yes, describe:

Instructions for scoring: Award 2 points for each national-international professional honor-award

Award 1 point for each state or regional award

Award 0.5 point for each local award.

17. Maximum = 5. Are you or have you been responsible for the establishment of a new toxicology service, education or research program? Please provide documentation to support your activities.

\_\_\_ Yes

\_\_\_ No

If Yes, describe:

Instructions for scoring: Award 2 points for each new and innovative service, research or education program initiated by applicant. (The mere employment of the applicant by an institution would not alone constitute establishment of a new service).

18. Maximum = 3. Are you a member of any local, state, national or international health care, scientific or toxicology organizations? Please provide documentation to support your activities.

Yes  No If Yes, list the organizations and indicate committees that you have served on or offices that you have held in these organizations.

Instructions for scoring: Award 0.5 point for membership in each national, international, state or local health care organization.

Award an additional 1 point for serving as an elected officer for any state, international or national organization.

Award 0.5 point for elected officer on local level and 0.5 point for committee member at any level.

19. Maximum = 2. Do you serve as a consultant to organizations on toxicology related matters, or have you done so in the past? Please provide documentation to support your activities.

Yes  No If Yes, describe:

Instructions for scoring: Award 1 point if applicant has served as a formal toxicology-related consultant to state, national or international organizations.

Award 0.5 point for local organizations.

20. Maximum = 5. Do you serve or have you served on any toxicology related committees? Please provide documentation to support your activities.

Yes  No If Yes, describe your involvement and responsibilities on committees in your:

A. Place of work:

B. Community:

C. National or international organizations of which you are not a member (e.g. serving as a member of a task force by invitation):

Instructions for scoring: Award 1 point for each state, national or international committee.

Award 0.5 point for each committee in place of work or community.

**REFERENCES:**

Provide the name, address and telephone number for three individuals who are familiar with your professional experience:

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I declare that the information contained in this application, and any attachments, is true and correct to the best of my knowledge and belief. I provide permission to the American Board of Applied Toxicology to verify any information included in this application and attachments and to contact the individuals listed as references.**

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

End of application

February 2010

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### Attachment 3. Guidelines for Scoring Credentials Applications

American Board of Applied Toxicology  
Summary of Credentials Review

Applicant's Name:

Evaluation Criterion	Maximum Points	Applicant's Score
<b>Practice:</b>		
5. Practice management	8	
6. Community education	2	
7. Expert testimony	5	
8. Regulatory advice	5	
<b>Educational Activities:</b>		
9. Program Direction	2	
10. Didactic/Preceptorship	6	
<b>Presentations/Publications:</b>		
11. Editorial duties	3	
12. Presentations	4	
13. Non-research publications	5	
<b>Research:</b>		
14. Protocols	6	
15. Research publications	14	
<b>Leadership:</b>		
16. Honors	5	
17. Innovations	5	
18. Organizations	3	
19. Invited consultations	2	
20. Committees	5	

Point Summary:	Maximum Allowed	Minimum Required per section to pass each section	Applicant's Score
Practice	20	8	
Education	8	2	
Publications/presentations	12	6	
Research	20	6	
Leadership	20	8	
<b>Total Points Awarded</b>	<b>80</b>		
<b>Minimum Passing Score</b>	<b><u>40</u></b>		

