

## ANEXO B

### 1. Name

RUTH AMELIA GARZA PADRÓN

Education – degree, discipline, institution, year

| Degree | Discipline                    | Institution | Year | Country |
|--------|-------------------------------|-------------|------|---------|
| Ph.D.  | Chemistry of Natural Products | UANL        | 2010 | MEXICO  |
| B.Sc.  | Biologist                     | UANL        | 2005 | MEXICO  |

Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), date (ex. 1990-1995), full time or part time

| Institution | Title | Date | Responsibility |
|-------------|-------|------|----------------|
|             |       |      |                |
|             |       |      |                |
|             |       |      |                |
|             |       |      |                |

Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

| Company or entity | Title | Brief description of position | Date | Responsibility |
|-------------------|-------|-------------------------------|------|----------------|
|                   |       |                               |      |                |

Certifications or professional registrations

| Certifications/Professional registrations | Institution | Date | Status |
|-------------------------------------------|-------------|------|--------|
| N/A                                       | N/A         | N/A  | N/A    |

Current membership in professional organizations

| Professional Organization                                            | Title          | Date           | Status |
|----------------------------------------------------------------------|----------------|----------------|--------|
| Mexican Association of Research in Natural Products (AMIPRONAT) A.C. | Member-founder | 2013- Present  | Active |
| Mexican Association for Food Protection (AMEPAL) A.C.                | Member         | 2010 - Present | Active |
| Cactus and Succulent Society of the State of Nuevo Leon, A.C.        | Member-founder | 2001- Present  | Active |

Honors and awards

| Title                  | Institution     | Date           | Status      |
|------------------------|-----------------|----------------|-------------|
| Faculty Research Grant | UANL-PAICYT     | 2001 – Present | In progress |
| Research Grant         | PROMEP- SEP     | 2013- 2014     | Concluded   |
| Research Scientist     | SNI- CONACYT    | 2012- 2015     | Concluded   |
| Reviser                | BIOCYT magazine | 2012           | Concluded   |
| Research Grant         | CONACYT         | 2011           | Concluded   |

Service activities (within and outside of the institution)

| Activity                           | Institution                          | Date      | Status    |
|------------------------------------|--------------------------------------|-----------|-----------|
| Diffusion of degrees               | UANL                                 | 2008-2014 | Concluded |
| Scientific Program Family          | Secretary of Education of Nuevo León | 2010-2015 | Concluded |
| Co-responsible educational program | Biological Sciences Faculty, UANL    | 2011-2012 | Concluded |

Briefly list the most important publications and presentations from the past five years—title, co-authors, if any, place of publication or presentation, and date of publication or presentation

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Claudia Espinosa-Leal, Jaime Francisco Treviño-Neáñez, <b>Ruth Amelia Garza-Padrón</b> , María Julia Verde-Star, Catalina Rivas Morales, María Eufemia Morales-Rubio. 2015. Contenido de fenoles totales y actividad antiradical de extractos metanólicos de la planta silvestre y cultivada <i>in vitro</i> de <i>Leucophyllum frutescens</i> . Revista Mexicana de Ciencias Farmacéuticas 46 (3). <b>Research Article</b>                                                                                                        |
| Treviño N. Jaime Fco., Rodríguez G. Ramón Gerardo, Verde S. Ma. Julia, Morales R. Ma. Eufemia, <b>Garza P. Ruth Amelia</b> , Rivas M. Catalina, Oranday C. Azucena. 2012. Actividad antifúngica de <i>Stenocereus pruinosus</i> y <i>Echinocereus stramineus</i> . Revista Mexicana de Ciencias Farmacéuticas. 43 (1): 42-48. <b>Research Article</b>                                                                                                                                                                              |
| <b>Ruth Amelia Garza Padrón</b> , Mariana Pedraza Zamora, Jaime Francisco Treviño Neáñez, Ramón Gerardo Rodríguez Garza, María Porfiria Barrón González, María Eufemia Morales Rubio. 2012. Germinación <i>in vitro</i> y respuesta morfogénica de <i>Lophocereus schottii</i> . Journal of the Professional Association for Cactus Development. 14: 24-34. <b>Research Article</b>                                                                                                                                                |
| <b>R.A. Garza-Padrón</b> , M.J. Verde-Star, M.E. Morales-Rubio, A. Oranday-Cárdenas, C. Rivas-Morales, M.A. Núñez-González y M.P. Barrón-González. 2010. Actividad amebicida, antioxidante y perfil fitoquímico de extractos metanólicos de <i>Astrophytum myriostigma</i> obtenidos de cultivo de callo y del cactus silvestre. Polibotánica. 30: 111-121. <b>Research Article</b>                                                                                                                                                |
| Morales-Rubio, M.E., Espinosa-Leal, C., & <b>Garza-Padrón, R.A.</b> 2016. Cultivo de tejidos vegetales y su aplicación en productos naturales. En Rivas-Morales, C., Oranday-Cardenas, M.A., & Verde-Star, M.J. (Eds.). Investigación en plantas de importancia médica. Barcelona, España: OmniaScience. 351-410. <b>Book chapter</b>                                                                                                                                                                                              |
| Ma. Eufemia Morales Rubio, <b>Ruth Amelia Garza Padrón</b> , Ramón G. Rodríguez Garza, Jaime Fco. Treviño Neáñez. 2015. Libro: "Tecnología y desarrollo sustentable: avances en el aprovechamiento de recursos agroindustriales", capítulo de libro: Cultivo <i>in vitro</i> , estudios fitoquímicos y actividad biológica de pitayas y pitahayas en el Laboratorio de Micropropagación de la Facultad de Ciencias Biológicas de la UANL. AM Editorial, con registro de RENIECyT número 2013/17732 de CONACYT. <b>Book chapter</b> |
| <b>Dra. Ruth A. Garza Padrón</b> , Dr. Ramón G. Rodríguez Garza, Dra. María Julia Verde Star, Dra. Azucena Oranday Cárdenas, Dra. Catalina Rivas Morales, Dra. Adriana Núñez González, Dr. Jaime Fco. Treviño Neáñez y Dra. Ma. Eufemia Morales Rubio. 2012. Micropropagación de especies con potencial de aprovechamiento. Libro: Tópicos Selectos de Botánica 5. Editado por UANL. <b>Book chapter</b>                                                                                                                           |

Briefly list the most recent professional development activities

| Professional Activity                                                           | Date                   |
|---------------------------------------------------------------------------------|------------------------|
| 3 Doctoral Thesis Supervised                                                    | August 2011 - Present  |
| 11 Bachelor Thesis Supervised                                                   | October 2010 - Present |
| 5 Author/Co-author Invited Talks/Conference/Symposia Participant (last 5 years) | October 2010 - Present |
| 40 Author/Co-author of Research Papers (last 10 years)                          | June 2003 – May 2016   |
| 17 Author/Co-author in Book Chapters (last 5 years)                             | 2000 - present         |