PERFORMANCE EVALUATION AWARD FOR PH.D TEACHERS

**Name of teacher:** Dr Najma Shaheen  
**Qualification:** PhD  
**Position:** Assistant Professor (TTS)  
**Department:** Zoology  
**Date of joining:** Jan. 21, 1994

1. **RESEARCH PUBLICATIONS**

a) No. of publications in journals with Impact factor  
13

b) No. of publications in journals with out Impact factor  
13

**LIST OF PUBLICATIONS**


2  **RESEARCH/TECHNICAL PROJECTS.**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Project Title</th>
<th>Funding Agency</th>
<th>Amount</th>
<th>Worked as</th>
<th>Duration</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Immunosuppressive effects of some currently used insecticides in mammals</td>
<td>Punjab University</td>
<td>75,000</td>
<td>Principal Investigator</td>
<td>1996-1997</td>
<td>Completed</td>
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<tr>
<td>2</td>
<td>Immunosuppressive effects of Pyrithroid insecticides in mammals</td>
<td>Punjab University</td>
<td>83,000</td>
<td>Principal Investigator</td>
<td>1997-1998</td>
<td>Completed</td>
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<td>3</td>
<td>Isolation and characterization of avian pathogenic <em>E. coli</em> and search for a</td>
<td>HEC</td>
<td>18,00,000</td>
<td>Co Principal Investigator</td>
<td>2004-2007</td>
<td>Completed</td>
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<tr>
<td></td>
<td>compound from medicinal plants or antibiotic activity exhibiting bacteria for its control.</td>
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<td></td>
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<td>4</td>
<td>Prevalence isolation and characterization of avian pathogenic <em>E. coli</em> from Lahore</td>
<td>Punjab University</td>
<td>100,000</td>
<td>Principal Investigator</td>
<td>2003-2004</td>
<td>Completed</td>
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<tr>
<td>5</td>
<td>Antibacterial activity of selected medicinal plants from northern</td>
<td>Punjab University</td>
<td>100,000</td>
<td>Principal Investigator</td>
<td>2007-2008</td>
<td>Completed</td>
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areas of Pakistan against resistant strains of bacteria.

<table>
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<tr>
<th>Sr. No.</th>
<th>Title</th>
<th>University</th>
<th>Amount</th>
<th>Investigator</th>
<th>Year</th>
<th>Status</th>
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<tbody>
<tr>
<td>6</td>
<td>Determination of antibacterial activity of selected essential oils against antibiotic resistant strains of avian pathogenic <em>Escherichia coli</em></td>
<td>Punjab University</td>
<td>100,000</td>
<td>Principal Investigator</td>
<td>2008-2009</td>
<td>Completed</td>
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<tr>
<td>7</td>
<td>Identification Of Bacterial Isolates From Contact Lenses Or Lens Cases, Their Antibiotic Resistance Profile And Responses To Selected Antimicrobials.</td>
<td>Punjab University</td>
<td>125,000</td>
<td>Principal Investigator</td>
<td>2009-2010</td>
<td>Completed</td>
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<tr>
<td>8</td>
<td>Molecular characterization of bacterial isolates from contact lenses/lens cases and antimicrobial efficacy of commercial lens solutions against selected isolates.</td>
<td>Punjab University</td>
<td>150,000</td>
<td>Principal Investigator</td>
<td>2010-2011</td>
<td>Completed</td>
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<tr>
<td>9</td>
<td>Isolation and characterization of antimicrobial substance secreting bacteria from dairy products and citrus fruits.</td>
<td>Punjab University</td>
<td>150,000</td>
<td>Principal Investigator</td>
<td>2011-2012</td>
<td>In progress</td>
</tr>
</tbody>
</table>

### 3 RESEARCH SUPERVISION

**Ph.D Thesis**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Student’s Name</th>
<th>Thesis Title</th>
<th>Year</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Project Description</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ms Arifa Mahreen</td>
<td>Search of medicinal plants for the control of sore throat. (In progress)</td>
<td>2009-2012</td>
</tr>
<tr>
<td>2</td>
<td>Ms Yasmin Badshah</td>
<td>Search of medicinal plants for the control of Enteropathogenic <em>E. Coli</em>. (In progress)</td>
<td>2010-2013</td>
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<tr>
<td>3</td>
<td>Ms Ayesha</td>
<td>COURSE WORK IN PROGRESS</td>
<td>2011-2014</td>
</tr>
<tr>
<td>4</td>
<td>Ms Salaha</td>
<td>COURSE WORK IN PROGRESS</td>
<td>2011-2014</td>
</tr>
</tbody>
</table>

**M.S/M.Phil. thesis**

2. Qurat-ul Ain Saleem 2012. Characterization of contact lens associated bacteria.(In progress)

**M.A/M.Sc thesis**

10. Ashfa Khan, 2001. Immunological changes in sheep infected with *Echinococcus granulosus*


17. Muhammad Anwar, 2008. Screening of macrofungi and selected medicinal plants for their antimicrobial activity against antibiotic resistant isolates of E.coli.

18. Muhammad Zeeshan (Student of BS honors, Equivalent to M.Sc) 2008. Screening of selected microfungi and essential oils for their antimicrobial activity against resistant isolates of E.coli. (Student of BS honors, Equivalent to M.Sc)


20. Huma Tariq (Student of BS honors, Equivalent to M.Sc) 2009. Identification and antibiotic resistance profile of bacterial isolates obtained from contact lenses and lens cases.


22. Sobia Khan 2011. Bactericidal activity of selected Essential oils and plant extracts against contact lens associated isolates


B.S. thesis


4 ADMINISTRATIVE EXPERIENCE

   a) Member faculty board of studies. 1996-2001
   b) Student Advisor 2008-2011
   c) Member Board of Studies 2003-2005:2008-date
   d) Member Departmental Doctoral Program Committee 2012-date

5. LIST OF SEMINARS, WORKSHOPS OR CONFERENCES PARTICIPATED AT NATIONAL/UNIVERSITY LEVEL

   1. Sixth international congress of Zoology, 1986, Pakistan
   2. Sixteenth international congress of Zoology, 1996, Pakistan
PARTICIPATION IN INTERNATIONAL SCIENTIFIC CONFERENCES

1. Sixth International Symposium on Turkey Diseases, Berlin, May 11-13, 2006


Details for point 5 and 6. Articles presented in conferences


5. Grabensteiner, E., Liebhart, D., Arshad, N and Hess, M. (July 2007). In vivo experiments are crucial to validate the effects noticed in vitro of certain plant extracts against Histomonas meleagridis. International Symposium on Protozoal Infections in Poultry held in the Clinic for Avian, Reptile and Fish Medicine, University of Veterinary Medicine, Vienna, Austria.