

**KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI
UNIVERSITAS NEGERI YOGYAKARTA**

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STAFF HANDBOOK

A. Personal Information

| | | |
|-----|---------------------|---|
| 1. | Full Name | Nur Aeni Ariyanti, MP., M.Agr., Ph.D. |
| 2. | Functional Position | Lecturer |
| 3. | NIP (ID Number) | 1982012722008122002 |
| 4. | Place/Date of Birth | Magelang, 27 January 1982 |
| 5. | Home Address | Karangtengah No. 11, RT.04 RW.11, Nogotirto, Gamping, Sleman, DIY |
| 6. | Home/Fax. | - |
| 7. | Mobile | 081232315854 |
| 8. | Office Address | Biologi/FMIPA |
| 9. | Mobile | - |
| 10. | E-mail | nuraeni@uny.ac.id |
| 11. | Field of Expertise | Plant Physiology |
| 12. | Subjects Taught | a. Plant Physiology |
| | | b. Structure and Function of Plant |
| | | c. English for Biology |
| | | d. Microbiology |
| | | e. Mycology |

B. Educational Background

| Program | S1 (Bachelor) | S2 (Master) | S3 (Doctorate) |
|-------------------|--------------------------------|--|-----------------------|
| 1. University | Institut Pertanian Bogor (IPB) | Universitas Gadjah Mada (UGM)/Yamaguchi University | Tottori University |
| 2. Major | Horticulture | Agronomy/Bioresouces Science | Bioproduction Science |
| 3. Year Admitted | | | |
| 4. Year Graduated | 2004 | 2007, 2014 | 2017 |

| | | | |
|------------------------------|-------------------------------------|---|---|
| 5. Thesis/Dissertation Title | | The Use of <i>Allium</i> Bio-Resources in Practical Studies on Nutritive Quality Control and Abiotic Stress Tolerance | Phytochemical Characterization of Major <i>Allium</i> Cultivated Vegetable Crops Toward Improving Biotic and Abiotic Stress Adaptations |
| 6. Advisor/Promoter | Prof. Dr. Sriani Sujiprihati (Alm.) | Dr. Endang Sulistyarningsih, M.Sc. dan Prof. Dr. Masayoshi Shigyo | Prof. Dr. Masayoshi Shigyo |

C. Training Experiences

| No | Training | Organizer | Year | Cetification |
|----|--|-------------------------------|------|--------------|
| 1. | Pelatihan pengembangan ketrampilan dasar teknik instruksional (PEKERTI) bagi dosen UNY | P3AI UNY | 2009 | Ada |
| 2. | Pelatihan pengembangan bahan perkuliahan berbasis multimedia | P3AI UNY | 2010 | Ada |
| 3 | <i>Introduction to ICT-Based english languange teaching</i> | Higher Learning International | 2011 | Ada |
| 4 | <i>English for academic purposes</i> | DIKTI | 2011 | Ada |
| 5 | Pelatihan penyusunan proposal PPM dana DP2M dikti | LPPM UNY | 2012 | Ada |
| 6 | Pelatihan Penulisan Karya Ilmiah Terindeks Scopus | Bidang IV UNY | 2018 | Ada |

D. Research Experience

| No | Tahun | Topic | Funding | |
|----|-------|---|----------|----------------------|
| | | | Source | Amount (Million IDR) |
| 1. | 2010 | Studi Kualitas dan daya simpan cabai merah keriting yang terinfeksi pepper yellow leaf curl virus | DIPA UNY | 5 |
| 2. | 2010 | Priming bening sebagai usaha peningkatan performansi bibit kubis | DIPA UNY | 5 |

| | | | | |
|----|------|--|----------|----|
| 3. | 2011 | Implementasi socioscientific issues-based instruction dalam matakuliah biologi umum sebagai upaya mengembangkan karakter berpikir kritis, peduli dan reflective judgement mahasiswa pendidikan kimia | DIPA UNY | 5 |
| 4 | 2018 | Variasi morfologi dan fisiologi beberapa spesies anggrek tanah | DIPA UNY | 12 |
| 5 | 2018 | Identifikasi saponin, kandidat obat anti kanker pada tanaman bawang merah dari lahan pertanian marginal | DIPA UNY | 15 |
| 9 | 2019 | Karakterisasi Fisiologi dan Molekuler Tanaman Mutan Anggrek Tanah <i>Spatoglottisplicata</i> | DIPA UNY | 12 |

E. Community Services

| No | Year | Activity | Funding | |
|----|------|---|------------------------|----------------------|
| | | | Source | Amount (Million IDR) |
| 1. | 2010 | Mensukseskan gerakan green school dengan | DIPA UNY | 5 |
| 2. | 2011 | Apresiasi teknologi pasca panen tanaman hias mendukung peningkatan mutu "produk akhir tanaman hias" | Dinas Pertanian Sleman | |
| 3. | 2012 | Pemberdayaan laskar berlian sebagai agen pendidikan kesehatan sekolah | DIPA UNY | 5 |
| 4 | 2012 | Pelatihan pengelolaan laboratorium sekolah bagi kepala laboratorium | DIPA UNY | |
| 5 | 2012 | Menumbuhkan semangat berwirausaha dengan memanfaatkan bioteknologi melalui pengenalan aklimatisasi anggrek hasil kultur jaringan | DIPA UNY | 5 |
| 6 | 2018 | Pengayaan Materi dan Kegiatan Penyerapan Nutrisipada Tumbuhan bagi Guru-guru MGMP IPA Biologi SMP Kabupaten Bantul | DIPA UNY | 8 |
| 7 | 2018 | Pemberdayaan Lingkungan Sekolah guna Edukasi dan Revitalisasi Kelestarian Tanaman Pangan Lokal melalui Pengembangan Kebun Raya Mini Sekolah | DIPA UNY | 10 |
| 8 | 2019 | Pelatihan Keterampilan Dasar Teknik Kultur Jaringan bagi Guru-guru MGMP Biologi SMA Kabupaten Sleman | DIPA UNY | 8 |

F. International Conventions/Workshops/Seminars

| No | International Convention/Workshop/Seminar | Year | Attending as |
|----|---|------|-----------------|
| 1. | The Japanese Society for Horticultural Science | 2014 | Paper Presenter |
| 2 | The 2015 Spring Meeting of Japanese Society for Horticultural Science | 2015 | Paper Presenter |
| 3 | The 7 th International Symposium on Edible Alliaceae | 2015 | Paper Presenter |
| 4 | The 2016 Spring Meeting of Japanese Society for Horticultural Science | 2016 | Paper Presenter |
| 5 | 2 nd National Symposium on Edible Alliums | 2016 | Paper Presenter |
| 6 | International Seminar on Tropical Horticulture | 2016 | Paper Presenter |
| 7 | International Seminar on Biology and Educational Biology | 2018 | Paper Presenter |

G. Local and/or National Conventions/Workshops/Seminars

| No | Local and/or National Convention/Workshop/Seminar | Year | Attending as |
|----|---|------|-----------------|
| 1. | Seminar Nasional Biologi | 2010 | Participant |
| 2. | Seminar Nasional IX “Biologi, Sains, Lingkungan dan Pembelajaran dalam Upaya Peningkatan Daya Saing Bangsa” | 2012 | Paper Presenter |
| 3. | Seminar Nasional Biologi | 2018 | Participant |

H. Publications in International Journals

| No | Title | Year | Journal/Edition |
|----|---|------|--|
| 1. | The Study In Stability of Red Pepper Productivity In Pepper Yellow Leaf Curl Virus Endemic Area With Optimalization Plant Nutrition. | 2011 | Proceeding of international ISHS symposium |
| 3. | Production and characterization of alien chromosome addition lines in <i>Allium fistulosum</i> carrying extrachromosomes of <i>Allium roylei</i> using molecular and cytogenetic analyses | 2015 | Journal Euphytica |

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|----|--|------|---------------------------|
| 4. | Comparative Study on Phytochemical Variations in Japanese F1 Varieties of Bulb Onions and South-East Asian Shallot Landraces | 2018 | The Horticultural Journal |
|----|--|------|---------------------------|

I. Publications in National Journals

| No | Title | Year | Journal/Edition |
|----|--|------|---|
| 1. | Mekanisme infeksi virus kuning cabai (pepper yellow leaf curl virus) dan pengaruhnya terhadap proses fisiologi tanaman cabai | 2012 | Proceeding seminar nasional IX FKIP UNS |

J. Books Published

| No | Year | Title | Page Count | Publisher |
|----|------|-------|------------|-----------|
| 1. | | | | |

K. Structural Positions Held

| No | Position | Year | Keterangan |
|----|----------|------|------------|
| 1. | | | |

L. Professional Experiences

| No | Position | Year | Additional Notes |
|----|----------|------------|-----------------------------------|
| 1. | Reviwer | 2018 - now | Jurnal Horticultura Indonesia IPB |

M. Professional Organization Memberships

| No | Organization | Tahun | Position |
|----|--|------------|----------|
| 1. | JJSHS (Japanese Society for Horticultural Science) | 2017 - now | Member |

Yogyakarta, 2 July 2019

Nur Aeni Ariyanti, MP., M.Agr., Ph.D
NIP 1982012722008122002