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Job Title: Research Microbiologist, Res Molecular Biologist, or Res. Chemist (Postdoctoral Research Associate)

Department: Department Of Agriculture

Agency: Agricultural Research Service

Sub Agency: North Atlantic Area

Job Announcement Number: RA-11-051- L

SALARY RANGE: \$61,245.00 - \$79,615.00 /year

OPEN PERIOD: Monday, March 07, 2011 to Monday, March 05, 2012

SERIES & GRADE: GS-0403
0401
1320-11

POSITION INFORMATION: Full-Time Temporary position not to exceed 2 years with a possible extension up to 2 years

DUTY LOCATIONS: 1 vacancy - Wyndmoor, PA

WHO MAY BE CONSIDERED: Applications will be accepted from US Citizens and [Non-Citizens](#) as allowed by appropriations and statute.

JOB SUMMARY:

Find Solutions to Agricultural Problems that Affect Americans Every Day, From Field to Table

The Agricultural Research Service (ARS) is the United States Department of Agriculture's chief scientific research agency and one of the world's premiere scientific organization. ARS Postdoctoral Research Associates are hired to supplement a lead scientist's research on agricultural problems of high national priority effecting American agriculture.

****ANNOUNCEMENT IS OPENED UNTIL FILLED OR (3/05/12)****

Duties

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Additional Duty Location Info:

1 vacancy - Wyndmoor, PA

- 1)Generate specific, high affinity biorecognition elements (e.g., scFvs from phage display library; DNA or RNA aptamers from a library of aptamers) to unique antigenic components (e.g., cell wall fragments, metabolites, toxins) associated with targeted pathogenic bacteria (e.g., E. coli O157:H7, Salmonella spp., and Listeria monocytogenes).
- 2) Develop and optimize an enzyme-linked immunosorbent assay (ELISA) for such pathogens targeting the selected antigenic markers.
- 3) Incorporate ELISA into an array detection format (lateral flow/microfluidic) with luminescent detection.

Qualifications and Evaluations

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Agency Information:

Department Of Agriculture
USDA-ARS-NAA-ERRC
600 E. Mermaid Lane
Wyndmoor, PA 19038
Fax: 215-836-3742

Questions about this job:

Dr. Andrew Gehring
Phone: 215-233-6491
Fax: 215-836-3742
Email: andrew.gehring@ars.usda.gov

Job Announcement Number:

RA-11-051- L

Control Number: 2195357

QUALIFICATIONS REQUIRED:

This position requires a Ph.D in Biochemistry, Microbiology, Molecular Biology or a related field of study that has equipped the applicant with the necessary knowledge, skills and abilities to perform the duties and responsibilities of the position. In addition, it is desirable that candidates have experience in microarray technology, conjugation chemistry, immunoassay development, and enzyme-linked luminescence assays.

Applicants must meet basic Office of Personnel Management (OPM) Qualification Standard's requirements of the scientific discipline necessary to perform the duties and responsibilities of the position.

This position has a positive education requirement. You must submit a copy of your academic transcripts OR a list of college courses with credit hours, dates completed, and grades received to verify education when applying for this position. If this information is not provided, your education may not be appropriately evaluated and you may lose consideration for this position. If you are selected for this position, you will have to provide an official copy of your transcripts prior to entering on duty. Application materials will not be returned.

Education completed in foreign colleges or universities may be used to meet the above requirements if you can show that the foreign education is comparable to that received in an accredited educational institution in the United States. It is your responsibility to provide such evidence when applying. Please visit the Office of Personnel Management's website at <http://www.opm.gov/qualifications/SEC-II/s22-e4.htm#e4a> for additional information on this topic.

HOW YOU WILL BE EVALUATED:

Your application will be evaluated to determine if you meet eligibility and minimum qualification requirements, and on the extent to which your application shows that you possess the knowledge, skills, and abilities (KSAs) associated with the position as defined above under "Qualifications".

Benefits and Other Info

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BENEFITS:

A Benefits Package will be authorized for appointments made for a period of one year or more. Additional information about Federal benefits can be obtained at www.usajobs.opm.gov/ei61.asp

OTHER INFORMATION:

Relocation and Other Incentives:

Payment of relocation expenses and other incentives will be determined in accordance with P&P 412.5, Recruitment and Retention Incentives and Other Special Pay, Sections 6 and 7, as amended by Bulletins 03-402 and 05-412.5, which may be found at <http://www.afm.ars.usda.gov/ppweb/Bulletins/05-412-5.pdf>. See also http://www.afm.ars.usda.gov/hrd/staffing_recruit/reloweb.htm.

Veteran's Preference:

For further details, call the U.S. Office of Personnel Management (OPM) at 703-724-1850 or TDD 978-461-8404. Select General Information on the Federal Employment Policies and Procedures, and then Veteran's Preference and Special Appointing Authorities for Veterans. Visit their

VetGuide website at <http://www.opm.gov/veterans/html/vetguide.asp>.

False Statements: If you make a false statement in any part of your application, you may not be hired; may be fired after beginning work; or may be fined or jailed.

Optional Form 306, (Declaration for Federal Employment):
If you are selected for this position, you will be required to complete this form before an offer may be made.

Selective Service System:

Males over age 18 who were born after December 31, 1959, must have registered with the Selective Service System (or have an exemption) to be eligible for Federal employment.

ARS Reasonable Accommodation Contact Information:

If you need a reasonable accommodation for any part of the application and hiring process, or have questions regarding reasonable accommodation and/or accessibility for any part of the application and hiring process, please contact the Disability Program Manager on 202-720-6161 or through the DC Relay Service on 202-855-1234 (TDD).

How To Apply

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HOW TO APPLY:

Applications may be mailed, faxed, or e-mailed to the individual stated under 'Contact Information' below.

If sending your application as an attachment to an email, do not send zipped files. They will be removed in accordance with standard electronic security procedures.

If application packages do not contain all of the requested information, you may lose consideration for the job. To help you ensure your application fully outlines your qualifications and eligibility for this position, please submit the following documentation as appropriate. Some of the items listed may not apply to you. NOTE: Applications received in postage paid government envelopes will not be considered.

APPLICATION PACKAGE CHECKLIST

___ Optional Form 612 (Optional Application for Federal Employment), Resume, Curriculum Vitae, or other document outlining your qualifications (Go to <http://www.opm.gov/forms/html/of.asp> and scroll down to obtain the OF-612).

The following information is required of all applicants:

___ Announcement number, title, and grade(s) of the position

___ Full name, mailing address (including zip code) and day and evening phone numbers (with area code)

___ Statement that you are a U.S. citizen (if not using the OF-612)

___ Copy of DD Form 214 (Certificate of Release or Discharge from Active Duty) (only if claiming veteran's preference) (Visit the following web site for additional information:

<http://www.opm.gov/employ/veterans/html/vetguide.asp>

___ SF-15 (Application for 10-point Veteran's Preference) plus the support documentation required by this form (if claiming 10-point veteran's preference) (Go to the web site at <http://www.opm.gov/forms/html/sf.asp> to obtain form.)

___ Paid and non-paid work experience related to the position. For each period of work experience include:

___ Job title

___ Series/grade (if Federal employment)

___ Duties and accomplishments

___Employer's name and address

___Supervisor's name and contact information

___Starting and ending dates of employment (at least month/year)

___Number of hours worked per week

___Salary

___Indicate if we may contact current supervisor/employer

___ Other job related information, such as training courses (title & year); skills (e.g., other languages, computer software/hardware, tools, etc.)

___Certificates/licenses (current)

___Honors, awards, and special accomplishments

___ Copy of college transcripts (if qualifying all or in part on the basis of education for this position) (If you have non-conventional education, e.g., foreign study, continuing education units, life experience, etc., go to the web site at <http://www.opm.gov/qualifications/SEC-11/s2-e4.htm#e4a> and look under the heading "Other Education" for information governing acceptability of this type of education.)

___ As an Applicant for a Research Scientist Position, you must also submit the following:

___ A one-page abstract of MS thesis and/or Ph.D. dissertation

___ A resume of any honors or awards received; memberships in professional or honor societies; invitations to make presentations at scientific/technical meetings; scientific society office and committee assignments; presentations (other than invitations); and publications.

___ A list of names, addresses, and phone numbers of persons familiar with your stature, contributions, and recognition.

If this is your first time applying for a federal job, or if you wish to view more detailed information about various aspects of applying for federal jobs, go to <http://www.opm.gov/forms/html/of.asp> and scroll down to access the Office of Personnel Management (OPM) Optional Form 510.

Location Contact Information: Dr. Andrew Gehring 215-233-6491

AGENCY CONTACT INFO:

Dr. Andrew Gehring	Agency
Phone: 215-233-6491	Information:
Fax: 215-836-3742	Department Of
Email:	Agriculture
andrew.gehring@ars.usda.gov	USDA-ARS-NAA-
	ERRC
	600 E. Mermaid
	Lane
	Wyndmoor, PA
	19038
	Fax: 215-836-
	3742

WHAT TO EXPECT NEXT:

Applications will be received and reviewed for consideration until a selection has been made.

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USAJOBS is the Federal Government's official one-stop source for Federal jobs and employment information.

