

|  |                             |   |
|--|-----------------------------|---|
| 1. Alien's last name<br><b>DICKSON</b>   | First name<br><b>CALLUM</b> | Full middle name<br><b>JAMES</b>                        |
| 2. Current address 1<br><b>129 WARREN AVE.</b>   |                             |   |
| Address 2<br><b>APT. #3</b>  |                             |   |
| 3. City<br><b>BOSTON</b>   | State/Province<br><b>MA</b> | Country<br><b>UNITED STATES OF AMERICA</b>              |
|  |                             | Postal code<br><b>02116</b>                             |
| 4. Phone number of current residence<br><b>( 617 ) 642-7407</b>  |                             |   |
| 5. Country of citizenship<br><b>AUSTRALIA</b>  |                             | 6. Country of birth<br><b>UNITED KINGDOM</b>            |
| 7. Alien's date of birth<br><b>02/06/1986</b>  |                             | 8. Class of admission<br><b>E-3</b>                     |
| 9. Alien registration number (A#)  |                             | 10. Alien admission number (I-94)<br><b>515883767A2</b> |
| 11.  |                             |   |
| <input type="checkbox"/> None <input type="checkbox"/> High School <input type="checkbox"/> Associate's <input type="checkbox"/> Bachelor's <input type="checkbox"/> Master's <input checked="" type="checkbox"/> Doctorate <input type="checkbox"/> Other |                             |   |



**J. Alien Information Continued**

|  |                                  |   |                               |
|--|----------------------------------|---|-------------------------------|
| 11-A. If Other indicated in question 11, specify   |                                  |   |                               |
| 12. Specify major field(s) of study<br><b>CHEMISTRY</b>  |                                  |   |                               |
| 13. Year relevant education completed<br><b>2014</b>   |                                  |   |                               |
| 14. Institution where relevant education specified in question 11 was received<br><b>IMPERIAL COLLEGE LONDON</b>                                     |                                  |   |                               |
| 15. Address 1 of conferring institution<br><b>SOUTH KENSINGTON</b>   |                                  |   |                               |
| Address 2  |                                  |   |                               |
| 16. City<br><b>LONDON</b>  | State/Province<br><b>ENGLAND</b> | Country<br><b>UNITED KINGDOM</b>  | Postal code<br><b>SW7 2BU</b> |
| 17. Did the alien complete the training required for the requested job opportunity, as indicated in question H.5?                                    |                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA |                               |
| 18. Does the alien have the experience as required for the requested job opportunity indicated in question H.6?                                      |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |                               |
| 19. Does the alien possess the alternate combination of education and experience as indicated in question H.8?                                       |                                  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA |                               |
| 20. Does the alien have the experience in an alternate occupation specified in question H.10?  |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |                               |
| 21. Did the alien gain any of the qualifying experience with the employer in a position substantially comparable to the job opportunity requested?   |                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA |                               |
| 22. Did the employer pay for any of the alien's education or training necessary to satisfy any of the employer's job requirements for this position? |                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                             |                               |
| 23. Is the alien currently employed by the petitioning employer?   |                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                             |                               |

**K. Alien Work Experience**

List all jobs the alien has held during the past 3 years. Also list any other experience that qualifies the alien for the job opportunity for which the employer is seeking certification.

**a. Job 1**

|   |                             |   |                             |
|---|-----------------------------|---|-----------------------------|
| 1. Employer name<br><b>Novartis Institutes for Biomedical Research Inc.</b> |                             |   |                             |
| 2. Address 1<br><b>181 Massachusetts Ave.</b>                               |                             |   |                             |
| Address 2   |                             |   |                             |
| 3. City<br><b>Cambridge</b>   | State/Province<br><b>MA</b> | Country<br><b>UNITED STATES OF AMERICA</b>      | Postal code<br><b>02139</b> |
| 4. Type of business<br><b>R&amp;D of Pharmaceuticals</b>                    |                             | 5. Job title<br><b>Investigator II</b>          |                             |
| 6. Start date<br><b>06/02/2017</b>  | 7. End date                 | 8. Number of hours worked per week<br><b>40</b> |                             |

Job 1 continued on next page



**K. Alien Work Experience Continued**

9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)

See Attachment

**b. Job 2**

|  |                           |  |                        |
|--|---------------------------|--|------------------------|
| 1. Employer name<br>Imperial College London  |                           |  |                        |
| 2. Address 1<br>Room 11 OB, MSRH White City Campus 80 Wood lane  |                           |  |                        |
| Address 2  |                           |  |                        |
| 3. City<br>London  | State/Province<br>England | Country<br>UNITED KINGDOM                | Postal code<br>W12 OBZ |
| 4. Type of business<br>Educational Institution   |                           | 5. Job title<br>Student                  |                        |
| 6. Start date<br>09/26/2014  | 7. End date<br>06/01/2017 | 8. Number of hours worked per week<br>40 |                        |
| 9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)<br><br>Gained experience in the job offered or related position; Gained experience in the following: Computational/theoretical chemistry (thermodynamics, biophysics, and quantum chemistry).<br><br>Contact Name: Ian Robert Gould; Phone Number: +44 (0) 20 7594 5809. |                           |  |                        |

**c. Job 3**

|   |                           |  |                        |
|---|---------------------------|--|------------------------|
| 1. Employer name<br>Pfizer Ltd.               |                           |  |                        |
| 2. Address 1<br>Walton Oaks, Dorking Road     |                           |  |                        |
| Address 2<br>Walton on the Hill               |                           |  |                        |
| 3. City<br>Tadworth                           | State/Province<br>Surrey  | Country<br>UNITED KINGDOM                | Postal code<br>KT207NS |
| 4. Type of business<br>Pharmaceutical Company |                           | 5. Job title<br>Industrial Trainee       |                        |
| 6. Start date<br>09/04/2007                   | 7. End date<br>08/29/2008 | 8. Number of hours worked per week<br>40 |                        |

Job 3 continued on next page



**K. Alien Work Experience Continued**

9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)

Gained experience in the job offered or related position, Gained experience in the following: Commercial packages for computational chemistry; Schrodinger/OpenEye; and working with complex data using programming languages or workflow environments.

Contact Name: Olivia Appleby; Phone Number: (080) 0012-1210.

**L. Alien Declaration**

***I declare under penalty of perjury that Sections J and K are true and correct. I understand that to knowingly furnish false information in the preparation of this form and any supplement thereto or to aid, abet, or counsel another to do so is a federal offense punishable by a fine or imprisonment up to five years or both under 18 U.S.C. §§ 2 and 1001. Other penalties apply as well to fraud or misuse of ETA immigration documents and to perjury with respect to such documents under 18 U.S.C. §§ 1546 and 1621.***

***In addition, I further declare under penalty of perjury that I intend to accept the position offered in Section H of this application if a labor certification is approved and I am granted a visa or an adjustment of status based on this application.***

|  |                             |                                  |
|--|-----------------------------|----------------------------------|
| 1. Alien's last name<br><b>DICKSON</b> | First name<br><b>CALLUM</b> | Full middle name<br><b>JAMES</b> |
| 2. Signature                           |                             | Date signed<br><b>3/19/2020</b>  |

**Note** – The signature and date signed do not have to be filled out when electronically submitting to the Department of Labor for processing, but must be complete when submitting by mail. If the application is submitted electronically, any resulting certification MUST be signed *immediately upon receipt* from DOL before it can be submitted to USCIS for final processing.

**M. Declaration of Preparer**

|   |                              |  |
|---|------------------------------|--|
| 1. Was the application completed by the employer?<br>If No, you must complete this section. | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
|---|------------------------------|--|

***I hereby certify that I have prepared this application at the direct request of the employer listed in Section C and that to the best of my knowledge the information contained herein is true and correct. I understand that to knowingly furnish false information in the preparation of this form and any supplement thereto or to aid, abet, or counsel another to do so is a federal offense punishable by a fine, imprisonment up to five years or both under 18 U.S.C. §§ 2 and 1001. Other penalties apply as well to fraud or misuse of ETA immigration documents and to perjury with respect to such documents under 18 U.S.C. §§ 1546 and 1621.***

|  |                           |                            |
|--|---------------------------|----------------------------|
| 2. Preparer's last name<br><b>Heyer</b>        | First name<br><b>Cole</b> | Middle initial<br><b>F</b> |
| 3. Title<br><b>Associate</b>                   |                           |                            |
| 4. E-mail address<br><b>novartis@gtlaw.com</b> |                           |                            |
| 5. Signature                                   |                           | Date signed                |

**Note** – The signature and date signed do not have to be filled out when electronically submitting to the Department of Labor for processing, but must be complete when submitting by mail. If the application is submitted electronically, any resulting certification MUST be signed *immediately upon receipt* from DOL before it can be submitted to USCIS for final processing.



## N. Employer Declaration

By virtue of my signature below, **I HEREBY CERTIFY** the following conditions of employment:

1. The offered wage equals or exceeds the prevailing wage and I will pay at least the prevailing wage.
2. The wage is not based on commissions, bonuses or other incentives, unless I guarantee a wage paid on a weekly, bi-weekly, or monthly basis that equals or exceeds the prevailing wage.
3. I have enough funds available to pay the wage or salary offered the alien.
4. I will be able to place the alien on the payroll on or before the date of the alien's proposed entrance into the United States.
5. The job opportunity does not involve unlawful discrimination by race, creed, color, national origin, age, sex, religion, handicap, or citizenship.
6. The job opportunity is not:
  - a. Vacant because the former occupant is on strike or is being locked out in the course of a labor dispute involving a work stoppage; or
  - b. At issue in a labor dispute involving a work stoppage.
7. The job opportunity's terms, conditions, and occupational environment are not contrary to Federal, state or local law.
8. The job opportunity has been and is clearly open to any U.S. worker.
9. The U.S. workers who applied for the job opportunity were rejected for lawful job-related reasons.
10. The job opportunity is for full-time, permanent employment for an employer other than the alien.

**I hereby designate** the agent or attorney identified in section E (if any) to represent me for the purpose of labor certification and, by virtue of my signature in Block 3 below, **I take full responsibility** for the accuracy of any representations made by my agent or attorney.

**I declare** under penalty of perjury that I have read and reviewed this application and that to the best of my knowledge the information contained herein is true and accurate. *I understand that to knowingly furnish false information in the preparation of this form and any supplement thereto or to aid, abet, or counsel another to do so is a federal offense punishable by a fine or imprisonment up to five years or both under 18 U.S.C. §§ 2 and 1001. Other penalties apply as well to fraud or misuse of ETA immigration documents and to perjury with respect to such documents under 18 U.S.C. §§ 1546 and 1621.*

|  |                           |                |
|--|---------------------------|----------------|
| 1. Last name<br><b>Kwak</b>            | First name<br><b>Bona</b> | Middle initial |
| 2. Title<br><b>Immigration Counsel</b> |                           |                |
| 3. Signature                           | Date signed               |                |

**Note** – The signature and date signed do not have to be filled out when electronically submitting to the Department of Labor for processing, but must be complete when submitting by mail. If the application is submitted electronically, any resulting certification **MUST** be signed *immediately upon receipt* from DOL before it can be submitted to USCIS for final processing.

## O. U.S. Government Agency Use Only

Pursuant to the provisions of Section 212 (a)(5)(A) of the Immigration and Nationality Act, as amended, I hereby certify that there are not sufficient U.S. workers available and the employment of the above will not adversely affect the wages and working conditions of workers in the U.S. similarly employed.

This Certification is valid from \_\_\_\_\_ to \_\_\_\_\_

Signature of Certifying Officer

Date

Signed

**T-20037-16023**

Case Number

**03/19/2020**

Filing Date



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**P. OMB Information**

*Paperwork Reduction Act Information Control Number 1205-0451*

Persons are not required to respond to this collection of information unless it displays a currently valid OMB control number.

Respondent's reply to these reporting requirements is required to obtain the benefits of permanent employment certification (Immigration and Nationality Act, Section 212(a)(5)). Public reporting burden for this collection of information is estimated to average Ghours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate to the U.S. Department of Labor \* U.S. Department of Labor \* 200 Constitution Ave. NW, Washington, DC \* 20210.

**Do NOT send the completed application to this address.**

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**Q. Privacy Statement Information**

In accordance with the Privacy Act of 1974, as amended (5 U.S.C. 552a), you are hereby notified that the information provided herein is protected under the Privacy Act. The Department of Labor (Department or DOL) maintains a System of Records titled Employer Application and Attestation File for Permanent and Temporary Alien Workers (DOL/ETA-7) that includes this record.

Under routine uses for this system of records, case files developed in processing labor certification applications, labor condition applications, or labor attestations may be released as follows: in connection with appeals of denials before the DOL Office of Administrative Law Judges and Federal courts, records may be released to the employers that filed such applications, their representatives, to named alien beneficiaries or their representatives, and to the DOL Office of Administrative Law Judges and Federal courts; and in connection with administering and enforcing immigration laws and regulations, records may be released to such agencies as the DOL Office of Inspector General, Employment Standards Administration, the Department of Homeland Security, and the Department of State.

Further relevant disclosures may be made in accordance with the Privacy Act and under the following circumstances: in connection with federal litigation; for law enforcement purposes; to authorized parent locator persons under Pub. L. 93-647; to an information source or public authority in connection with personnel, security clearance, procurement, or benefit-related matters; to a contractor or their employees, grantees or their employees, consultants, or volunteers who have been engaged to assist the agency in the performance of Federal activities; for Federal debt collection purposes; to the Office of Management and Budget in connection with its legislative review, coordination, and clearance activities; to a Member of Congress or their staff in response to an inquiry of the Congressional office made at the written request of the subject of the record; in connection with records management; and to the news media and the public when a matter under investigation becomes public knowledge, the Solicitor of Labor determines the disclosure is necessary to preserve confidence in the integrity of the Department, or the Solicitor of Labor determines that a legitimate public interest exists in the disclosure of information, unless the Solicitor of Labor determines that disclosure would constitute an unwarranted invasion of personal privacy.

## Addendum

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### H. 11. Job duties

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Apply techniques used in Computational Chemistry (e.g.; Molecular Mechanics, Conformational Analysis, Quantum Mechanics, Molecular Dynamics, Docking, etc.) and Cheminformatics (e.g. Similarity Metrics, Clustering, etc.) in drug discovery projects; lead medicinal chemistry design efforts through knowledge of SAR and understanding of experimental assays and target biology; collaborate with interdisciplinary project teams to drive effective decision-making from target identification through candidate nomination; apply machine learning methods to provide insights into on-and off-target activity and physicochemical properties; utilize predictive models for biological activity and physicochemical properties for compound design; create computational workflows to analyze complex data leveraging programming languages or workflow environments (Python, Matlab, R, Java, Knime, etc.); communicate research findings and recommendations with project teams and colleagues using variety of communication channels (e.g. oral communication, presentation, written reports and memos, etc.); maintain awareness of departmental activities, particularly those related to their project; publish research findings of non-proprietary nature in peer-reviewed journals; maintain an exceptional scientific expertise in specific field by reviewing current literature and attending appropriate internal and external scientific meetings; identify technical trends, both internal and external to discipline, that impact projects; demonstrate creativity and resourcefulness in applying new scientific methodologies and techniques.

## Addendum

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### H. 14. Specific skills or other requirements

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PhD degree in Chemistry, Medicinal Chemistry, Computational Chemistry, Computational Biology, Computational Chemical Biology, Chemical Biology, or related field; minimum of 1 year of post-doctoral experience in computational chemistry or related field; and experience with the following: Computational/theoretical chemistry (thermodynamics, biophysics, and quantum chemistry); open source or commercial packages for computational chemistry; experience with at least one of the following: Gaussian, amber, CCG/Schrodinger/OpenEye; modeling packages, RDKit; and working with complex data using programming languages or workflow environments; and one or more publications in the peer-reviewed journals relevant to computational chemistry such as: JCIM, J.Phys.Chem., Proteins, or JCTC.



# Addendum

## K. Alien Work Experience Continued

### d. Job 4

|  |                                  |   |             |
|--|----------------------------------|---|-------------|
| 1. Employer name<br><b>Publication Requirement</b>   |                                  |   |             |
| 2. Address 1<br><b>Publication Requirement</b>   |                                  |   |             |
| Address 2  |                                  |   |             |
| 3. City<br><b>Not Applicable</b>   | State/Province                   | Country   | Postal code |
| 4. Type of business<br><b>Publication Requirement</b>  |                                  | 5. Job title<br><b>Publication Requirement</b>  |             |
| 6. Start date<br><b>01/01/2001</b>   | 7. End date<br><b>01/01/2001</b> | 8. Number of hours worked per week<br><b>40</b> |             |
| <p>9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)</p> <p>Dr. Dickson has one or more publications in the peer-reviewed journals relevant to computational chemistry such as: JCIM, J.Phys.Chem., Proteins, or JCTC.</p> |                                  |   |             |

|  |                |                                    |             |
|--|----------------|------------------------------------|-------------|
| 1. Employer name   |                |                                    |             |
| 2. Address 1   |                |                                    |             |
| Address 2  |                |                                    |             |
| 3. City  | State/Province | Country                            | Postal code |
| 4. Type of business  |                | 5. Job title                       |             |
| 6. Start date  | 7. End date    | 8. Number of hours worked per week |             |
| <p>9. Job details (duties performed, use of tools, machines, equipment, skills, qualifications, certifications, licenses, etc. Include the phone number of the employer and the name of the alien's supervisor.)</p> |                |                                    |             |

## Addendum

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### K. 9. Job 1 - Job Details

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Apply techniques used in Computational Chemistry (e.g.; Molecular Mechanics, Conformational Analysis, Quantum Mechanics, Molecular Dynamics, Docking, etc.) and Cheminformatics (e.g. Similarity Metrics, Clustering, etc.) in drug discovery projects; lead medicinal chemistry design efforts through knowledge of SAR and understanding of experimental assays and target biology; collaborate with interdisciplinary project teams to drive effective decision-making from target identification through candidate nomination; apply machine learning methods to provide insights into on-and off-target activity and physicochemical properties; utilize predictive models for biological activity and physicochemical properties for compound design; create computational workflows to analyze complex data leveraging programming languages or workflow environments (Python, Matlab, R, Java, Knime, etc.); communicate research findings and recommendations with project teams and colleagues using variety of communication channels (e.g. oral communication, presentation, written reports and memos, etc.); maintain awareness of departmental activities, particularly those related to their project; publish research findings of non-proprietary nature in peer-reviewed journals; maintain an exceptional scientific expertise in specific field by reviewing current literature and attending appropriate internal and external scientific meetings; identify technical trends, both internal and external to discipline, that impact projects; demonstrate creativity and resourcefulness in applying new scientific methodologies and techniques.

Contact Name: Viktor Hornak; Phone Number: +1617-871-8016.