

### Training Needs Assessment and Record 2015

|                                |                      |                |            |                |                   |               |    |
|--------------------------------|----------------------|----------------|------------|----------------|-------------------|---------------|----|
| Name                           | Adriana Laura Voinea | Year of Study  | First      | School         | Computing Science |               |    |
| Date Discussed with supervisor | 03/06/2016           | Date Submitted | 16/06/2016 | Funding Source | EPSRC             | Total Credits | 11 |

The areas below correspond to those detailed in the [Researcher Development Framework](#) . You should select the areas you would like to develop and discuss these with your supervisors. You may be able to obtain the skills you require through training and/or practical experience. The completed TNA/Record should be submitted to the Graduate School when you submit your paperwork for your annual progress review.

| DOMAIN A – KNOWLEDGE AND INTELLECTUAL ABILITIES   |                             |   |   |         |
|---|-----------------------------|---|---|---------|
|   | Development Required        | Courses identified from the Doctoral Research training programme and elsewhere and any practical experiences you intend to undertake to develop the skills required | Courses attended and dates                      | Credits |
| <b>A1 – Knowledge Base</b><br><br>Includes subject knowledge, research methods, information search skills and management, languages | Knowledge of Statistics     | RSDA 6107 Introduction to Statistical Inference   | Attended on 27/05/16                            | 1       |
|   |                             | RSDA 6108 Introduction to Statistical Modelling   | Attended on 28/05/16                            | 1       |
|   |                             | RSDA 6109 Introduction to Design and Analysis of Experiments  | Attended on 29/05/16                            | 1       |
|   | Programming language theory | Scottish programming language seminars  | Attended on various dates throughout the year   | N/A     |
|   |                             | Betty meeting   | Attended on 17-18 March 2016                    | N/A     |
| <b>A2 – Cognitive abilities</b>   | Literature review           | RSDA 6083 Literature critique/ review SC  | Not attended as it was cancelled due to illness | N/A     |

|   |  |  |   |     |
|---|--|--|---|-----|
| Includes analysing, synthesising, critical thinking, evaluation and problem-solving skills                        |  |  |   |     |
| A3 – Creativity   | Inquiry skills, constructing an argument | Project meetings                       | Attended on various dates throughout the year | N/A |
| Includes developing inquiry skills, intellectual insight, innovation, constructing an argument, intellectual risk |  | Scottish programming language seminars | Attended on various dates throughout the year | N/A |
|   |  | FATA seminars                          | Attended on various dates throughout the year | 1   |

| DOMAIN B – PERSONAL EFFECTIVENESS   |   |  |   |         |
|---|---|--|---|---------|
|   | Development Required                                | Selected Courses from the Doctoral Researcher Development Training Programme | Date Course(s) Attended                       | Credits |
| B1 – Personal qualities   | Self-confidence, responsibility                     | Mini Project   | 10/15-01/16                                   | N/A     |
| Includes enthusiasm, perseverance, integrity, self-confidence, responsibility                                     |   |  |   |         |
| B2 – Self management  | Prioritisation, time-management, project management | RSDC 6001 Project management – An Introduction                               | Attended on 01/03/2016                        | 1       |
| Includes preparation and prioritisation, commitment, time-management, work-life balance, responsiveness to change |   |  |   |         |
| B3 – Professional and career development  | Networking, continuing professional development     | Attended Seminars (SPLS)   | Attended on various dates throughout the year | N/A     |
| Includes career management, continuing professional development,  |   | Attended Betty Meeting   | Attended on 17-18 March 2016                  | N/A     |
|   |   | WadlerFest/LFCS30  | Attended on 11-13 April 2016                  | 1       |

|   |  |  |  |  |
|---|--|--|--|--|
| responsiveness to opportunities, networking |  |  |  |  |
|---|--|--|--|--|

| DOMAIN C – RESEARCH GOVERNANCE AND ORGANISATION   |  |  |                         |         |
|---|--|--|-------------------------|---------|
|   | Development Required   | Selected Courses from the Doctoral Researcher Development Training Programme | Date Course(s) Attended | Credits |
| C1 – Professional conduct<br><br>Includes health and Safety, ethics, principles and sustainability, IPR/copyright, respect and confidentiality, attribution and co-authorship, appropriate practice | Improve knowledge of IPR/copyright, respect and confidentiality, attribution and co-authorship | RSDC 6023 Research Integrity   | Attended on 21/01/2016  | 1       |
|   |  | Equality and Diversity Online Training                                       | Completed on 25/05/2016 | 1       |
| C2 – Research management<br><br>Research strategy<br>Project planning and delivery<br>Risk management   | Improve knowledge of data management   | RSDC 6025: Research Data Management  | Attended on 17/02/2016  | 1       |
| C3 – Finance, funding and resources<br><br>Includes incomes and funding generation, financial management, infrastructure and resources  | Funding generation, financial management, infrastructure and resources                         | FATA seminars  | Throughout the year     | N/A     |

| DOMAIN D – ENGAGEMENT, INFLUENCE AND IMPACT |                      |  |                                      |         |
|---|----------------------|--|--------------------------------------|---------|
|   | Development Required | Selected Courses from the Doctoral Researcher Development Training Programme | Date Course(s) Attended              | Credits |
| D1 – Working with others                    | Collaboration skills | Attended Project Meetings  | Multiple dates: September 2015 – now | N/A     |

|  |                                   |  |  |              |
|--|-----------------------------------|--|--|--------------|
| Includes collegiality, team-working, people management, supervision, mentoring, influence, leadership, collaboration, equality and diversity |                                   |  |  |              |
| D2 – Communication and dissemination<br><br>Includes communication methods, communication media, publication                                 | Improve presentation skills       | RSDD6002: Presenting with Impact   | Attended on 12/05/2016   | 1            |
| D3 – Engagement and impact<br><br>Includes teaching, public engagement, enterprise, policy, society and culture and global citizenship       | Teaching<br><br>Teaching training | Tutored 2 <sup>nd</sup> Year Course: JOOSE2<br><br>Tutored 2 <sup>nd</sup> Year Course: WAD2<br><br>Graduate Teaching Assistant Statutory Training | 10/2015 – 03/2016<br><br>01/2016 – 03/2016<br><br>Attended on 26/20/2015 | N/A<br><br>1 |