

Career Development Plan-Year 1

(Draft)

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BRIEF OVERVIEW OF RESEARCH PROJECT AND MAJOR ACCOMPLISHMENTS EXPECTED (half page should be sufficient):

The research will be a part of 'ForSeaDiscovery – Forest Resources for Iberian Empires: Ecology and Globalization in the Age of Discovery' project. The main objective of the research is developing method of anatomical characterization of wood used for shipbuilding in Iberia in the Age of Discovery for further provenancing. Developing of method will be based on multi-proxy approach, including i.e. tree-ring research, wood anatomy and dendro/geochemistry. It will also include identification of species, parts of the trees (stem or branches), and mechanical wood characteristics. Samples for analyses will be obtained during the field work in areas of Atlantic Iberia. Sampled trees will be from different age groups, to obtain long tree-ring chronologies and to assess the impact of local climate, specific site conditions and forest management activities gained from the past.

The main accomplishments expected are improving knowledge of fellow in wood anatomy, dendro/geochemistry and dendrology. And, as a result, reaching goals of the research project. Also completion of Proposal of Ph.D. thesis is expected within the first year of fellowship.

LONG-TERM CAREER OBJECTIVES (over 5 years):

1. Goals: Finish Ph.D. program in Wageningen UR and get post-doctoral position in Europe in the field of Dendrochronology or Wood Anatomy
2. What further research activity or other training is needed to attain these goals? Improve knowledge in the field of Dendrology, Wood anatomy and Statistics. In addition, learn one more language - Spanish.

SHORT-TERM OBJECTIVES (1-2 years):

1. Research results
 - o Anticipated publications: "Added value of wood anatomical features for dendroprovenancing"- Review paper; "What is in the vessels?" (preliminary title) – paper based on wood-anatomical analyses of Iberian oaks

- Anticipated conference, workshop attendance, courses, and /or seminar presentations: TRACE 2016

- 2. Research Skills and techniques:
 - Introduction into R
 - Multivariate analyses and Mixed models

- 3. Research management:
 - Funding application is planned for the last year of my PhD (fourth year).
 - Proposal will be about the DNA analyses of wood. Pilot study has been carried out to have a background for the proposal.

- 4. Communication skills:
 - Advanced Scientific English

- 5. Other professional training (course work, teaching activity):
 - Assisting with teaching activities – Wood anatomical courses
 - Supervision of one more Master student

- 6. Anticipated networking opportunities: Meeting young researches in the TRACE 2016

- 7. Other activities (community, etc) with professional relevance:

Date & Signature of fellow:

Date & Signature of supervisor

Career Development Plan-Final year *(Draft)*

BRIEF OVERVIEW OF PROGRESS, ACHIEVEMENT AND PERFORMANCE (half page should be sufficient):

LONG-TERM CAREER OBJECTIVES (over 5 years):

If relevant, mention any adjustments to your long-term career objectives as a result of the training received.

SHORT-TERM OBJECTIVES ACHIEVED DURING THE TRAINING PERIOD:

1. Research results
 - Publications (incl. in press):
No publication at the moment
 - Conference, workshop attendance, courses, and /or seminar presentations:
Dendroecological fieldweek 2014, Eurodendro 2014
2. Research Skills and techniques acquired:
 - Training in specific new areas, or technical expertise etc:
Basic Statistics: refreshing course; Quantitative Wood Anatomy: from Sample to Data
3. Research management:
 - No
4. Communication skills:
Essentials in Scientific Writing and Presenting; Spanish language courses
5. Other professional training (course work, teaching activity):
Supervision of the Master Student
6. Anticipated networking opportunities
Two PhD weekends organized within Wageningen UR.
7. Other activities (community, etc) with professional relevance:

Date & Signature of fellow:

Date & Signature of supervisor

Career Development Plan

Guidance on some of the competencies expected

The following points are a non-exhaustive series of aspects that could be covered by the career development plan, and it is relevant to the short-term objectives that will be set by the researcher and the reviewer at the beginning of the fellowship period. The objectives should be set with respect to the skills and experience that each researcher should acquire at a given time of his/her career. A postgraduate researcher at PhD level will have very different needs compared to a post-doctoral researcher at an advanced stage of his/her professional development. These objectives should be revised at the end of the fellowship and should be used as a pro-active monitoring of progress in the researcher's career.

1. Research results.

These should give an overview of the main direct results obtained as a consequence of the research carried out during the training period. It may include publications, conference, workshop attendance, courses, and /or seminar presentations, patents etc. This will vary according to the area of research and the type of results most common to each field. The information at this level should be relatively general since the career development plan does not strictly constitute a report on the scientific results achieved.

2. Research Skills and techniques acquired.

Competence in experimental design, quantitative and qualitative methods, relevant research methodologies, data capture, statistics, analytical skills.

Original, independent and critical thinking.

Critical analysis and evaluation of one's findings and those of others

Acquisition of new expertise in areas and techniques related to the researcher's field and adequate understanding their appropriate application

Foresight and technology transfer, grasp of ethics and appreciation of IPPR.

3. Research management.

Ability to successfully identify and secure possible sources of funding for personal and team research as appropriate.

Project management skills relating to proposals and tenders work programming, supervision, deadlines and delivery, negotiation with funders, financial planning, and resource management.

Skills appropriate to working with others and in teams and in teambuilding.

4. Communication skills.

Personal presentation skills, poster presentations, skills in report writing and preparing academic papers and books.

To be able to defend research outcomes at seminars, conferences, etc.

Contribute to promote public understanding of one's own field

5. Other professional training (course work, teaching activity):

Involvement in teaching, supervision or mentoring

6. Anticipated networking opportunities.

Develop/maintain co-operative networks and working relationships as appropriate with supervisor/peers/colleagues within the institution and the wider research community

7. Other activities (community, etc) with professional relevance.

Issues related with career management, including transferable skills, management of own career progression, ways to develop employability, awareness of what potential employers are looking for when considering CV applications etc.