



ET/D Declaration of Authorship

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- This work was done wholly or mainly while being a candidate for a terminal degree at the University of Tennessee Health Science Center.
- There is clear and full disclosure in the dissertation for any part that was previously submitted for a degree or any other qualification at this University or any other institution or that has been accepted for publication.
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- Where I have quoted or paraphrased text or have reprinted or modified images, tables, or other data from the work of others, the source is always given, and quotation marks are used for text, following fair use guidelines. Except for such acknowledged instances, this dissertation is entirely my own work.
- I have acknowledged all other main sources of help (e.g., lab assistance, joint work on projects, consultations/discussions with colleagues/experts, funding).
- Where the dissertation is based on work done jointly with others, I have made clear what I contributed (see next page).

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See digital reply with confirmation.

Advisor Name: Max L. Fletcher

See digital reply with confirmation.

**Declaration of Personal Contributions to Previously Published Articles
with Several Authors Incorporated into the ET/D
(This also includes in press and accepted articles.)**

Please provide below the Chapter number of the incorporated article(s), the List of References citation, and your significant contributions as first or second author, or indicate Not Applicable. If part of your accepted submission to the journal was a statement of author contributions, you may quote that and at the end indicate [As submitted and accepted by *Journal title*.]

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Articles with several authors incorporated into my ET/D and my contributions to them:

- **Chapter #1**
- **Citation:** Ross JM, Fletcher ML (2018a) Learning-Dependent and -Independent Enhancement of Mitral/Tufted Cell Glomerular Odor Responses Following Olfactory Fear Conditioning in Awake Mice *J Neurosci* 38:4623-4640 doi:10.1523/JNEUROSCI.3559-17.2018
- **My significant contributions:** Conceptualization; Writing, Review and Editing; Visualization, and Funding Acquisition

- **Chapter #2**
- **Citation:** Ross, JM. & Fletcher, ML (2018b) Aversive learning-induced plasticity throughout the adult mammalian olfactory system: insights across development. *J Bioenerg Biomembr*, doi:10.1007/s10863-018-9770-z
- **My significant contributions:** JMR designed research, performed research, analyzed data, and wrote the paper; MLF designed research and wrote the paper [As submitted and accepted by *The Journal of Neuroscience*]

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