

We approve the thesis of **Gabrielle Swain**

Signature



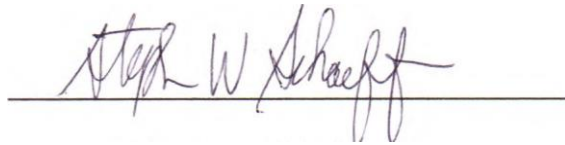
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