

**ETTINGHAUSEN COLLECTION ON VIEW AT THE METROPOLITAN MUSEUM OF ART**

An exhibition of decorated papers from the collection of one of PRF’s most distinguished members, the late Elizabeth Ettinghausen, is currently on view at The Metropolitan Museum of Art. “Clouds and Gold Dust: Decorated Papers from the Ettinghausen Collection,” made possible by The Hagop Kevorkian Fund, opened late October 2018 and will be on view at The Met Fifth Avenue in Gallery 458 through March 24, 2019.

Elizabeth was a respected specialist on Byzantine and Islamic art and culture. Born in Vienna in 1918, and initially educated there, she fled the rise of Nazism and Austria with her family in 1938, first to Prague, then on to Istanbul, where her studies led to a dissertation (1943) on Byzantine ceramics.



In 1943, Elizabeth relocated to the United States, where she worked at the Department of Byzantine Art, Dumbarton Oaks Library, Washington, DC. In 1945, she married the German art historian, Richard

Ettinghausen. The couple moved to Princeton in 1967, where Richard built a respected career in Islamic Art at Princeton University and Elizabeth’s deep historical knowledge, personal elegance, and ironic wit distinguished her in all settings.

According to the Museum’s overview: “One of the distinctive features of manuscripts from Iran, Ottoman Turkey, and Mughal and Deccani India is the frequent use of decorative techniques in the borders and even on the written surface of the book’s pages. ‘Clouds and Gold Dust: Decorated Papers from the Ettinghausen Collection’ presents works on paper, enhanced with marbling, gold sprinkling, stenciled designs, and decoupage, alone or in combination with one another or with illumination. Ranging from the fifteenth to the twentieth century, the thirty-three folios on view reveal an endless variety of patterns and embellishments, surrounding elegantly penned poetic verses and, eventually, forming freestanding images.” For more information: <https://www.metmuseum.org/exhibitions/listings/2018/clouds-and-gold-dust>

**PRF WELCOMES TWO NEW MEMBERS**

The Membership Committee and the Executive Board are pleased to welcome two new PRF members **Hema Waghray** and **Beverly Scheibert** (aka Jerold).

Hema is a sociologist by training and divides her time between New Jersey and Hyderabad where she works at the Krishnakriti Foundation as an archival researcher, working on one of the oldest



living diaspora communities in Hyderabad — the Brahma Kshatriyas. Her startup, [Choosing Wellness](#), is a curated platform providing insights on wellness from practitioners who write on wellness and health, sharing their stories and struggles. In the past, she founded Marginalia ([Marginalia.com](#)) a user experience (UX) research consultancy, where she used combination of sociology, qualitative research and technology in her background, bringing in critical user input to the research products as well as to product development. Marginalia, as an idea that she adheres to in all her work, signifies the importance of using and including that which is in the margins; that which is made note of and forgotten and remains critical in the big picture. It attempts to bring to the fore the pieces that get left out in a conversation, in a development process or a story and examines them for inclusion through using qualitative research methods and analysis along with the hard data.

**Beverly**, a newcomer to Princeton from Boston, received her education at the Eastman School of Music, Syracuse University and Boston University. Her publications include three books: *The Complexities of Early Instrumentation: Winds and Brass* (Brepols, 2015); *Music Performance Issues: 1600-1900* (Pendragon, 2016), a collection of 19 articles previously published in international journals; and *Jean-Henry D'Anglebert and the Seventeenth-*



*century Clavecin School* (Indiana University Press, 1986). Among her articles on subjects of possible interest to the wider community are: "A Vindication of Ferdinand Hiller," *Journal of Musicological Research* (2018): 37/2 (2018): 141-65. Anti-Semitism.

"Zukunftsmusik/Music of the Future: A Moral Question," *Journal of Musicological Research* 36/4 (2017): 1-25. Anti-Semitism. "Performance conditions, standards and Bach's chorus," *The Musical Times* 158/1941 (Winter 2017): 55-70. "Diderot (Part I) — Authorship and Illusion," *Music Theory & Analysis* 1/1&2 (2014): 38-60. Previously unknown works by Diderot, published under a pseudonym. "Dilettante and Amateur: Our Evolving Language," *1650-1850: Ideas, Aesthetics, and Inquiries in the Early Modern Era* 19 (2012): 3-29.

Recent conference papers (given 2017/18): American Handel Society; Boston Festival of Early Music; Greater New York Chapter of the American Musicological Society; Francophone Music Criticism, Rochester; Rethinking Music in France during the Baroque Era, Paris, France. Beverly has held various organist/director positions in the Boston area, including a decade at historic Christ Church, Cambridge, where she organized and directed a concert series. She also performed on keyboard instruments at various venues in the Boston area.

We look forward to getting to know Hema and Beverly at future events and thank Membership Chair Terri McNichol for her continued work on behalf of PRF.

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## JOEL GREENBERG ON BECOMING A BLACKJACK EXPERT

### *Card Shuffling—A Case of Patent Infringement/Fraud*

When the Atlantic City casinos opened about 40 years ago they were highly regulated by the N.J. Casino Control Commission. This regulatory regime included a set of rules and procedures for the game of Blackjack. Blackjack immediately encountered difficulty due to, amongst other things, having an early surrender rule that allowed players to "fold" after seeing the dealer's cards and losing only half their wager. This proved very advantageous to the "basic strategy" players since incorporating this rule into their strategy provided the player with a +0.5 percent advantage over the casinos. This, if continued to be required, would have led to the demise of the game of Blackjack. But how to prove this required the development and use of a Blackjack computer simulation model wherein all the rules and procedures could be changed and their impact on the casinos, general public, basic strategy and card-counter players could be analyzed. As a result, hundreds of millions of hands were played in the computer and it was determined that the elimination of the early surrender rule would not affect the general public play since they did not use the rule efficiently, it would reduce the basic strategy player advantage from +0.5% to -0.5% and would reduce slightly the card counter advantage. The results were provided to the Governor and the early surrender rule was eliminated.

Attention was next turned to solving the "card-counter" problem. Card counters kept track of the

number of low and high cards that were played and altered their play and wager strategies accordingly. Of particular importance was their decision to significantly increase their wagers when the deck became “rich” [i.e., many more low cards had been played than high cards]. Good card counters were thus able to achieve a significant [greater than +1.5%] advantage over the casinos which had to follow the Casino Control Commission’s set of imposed rules and procedures. This was not tolerable since it would have led to the end of Blackjack being offered in Atlantic City. The immediate casino strategy was to prevent the play of card-counters in the casinos. This strategy resulted in very negative publicity for the casinos and thus the Blackjack computer simulation model was again used to seek a solution by changing various combinations of rules and procedures and again noting their effect on the casinos, general public, basic strategy and card-counter players. After again simulating many hundreds of millions of hands a solution was developed that did not affect the play of the general public or basic strategy players. The solution, namely a set of procedural changes tended to slow down the game which negatively impacted casino revenue.

Thinking out of the box as to how to entirely avoid the card-counter problem without slowing down the game led to a hardware solution – a continuous shuffle device called the “Monte Verde Shoe” [since it had a better ring than the Greenberg Shoe] that allowed cards immediately after their play to be placed into the device and cards continuously withdrawn randomly, in effect simulating an infinite deck of cards with 3-4 decks and thereby eliminating the ability of counting cards while at the same time eliminating the need to manually shuffle cards [thereby increasing casino revenue]. Using computer simulation techniques, the Monte Verde Shoe was designed so as to have no effect on the general public and the basic strategy players while reducing the card counter advantage to near 0%. A patent was issued [1987], and it was later sold to International Gaming Technology [IGT].

Since the market for card shuffle devices [used for bridge games to Blackjack] approached \$1 billion annually, it was only natural that over time other patents were issued and there resulted a number of patent infringement court cases. As a result of my work for the N.J. Casino Control Commission and the casinos, my Monte Verde patent, and having degrees in electrical engineering, I was qualified as a Blackjack expert. Thus I was able to testify as an expert witness in patent infringement and other casino related court cases and was on several

occasions asked to serve as an expert witness. Most recently, I was contacted by an attorney for a group of plaintiffs in a patent infringement/fraud case and asked to serve as an expert witness. After discussions and review of documents and agreement with the plaintiffs’ position, I accepted the assignment that led to a Jury trial during July 2018.

The plaintiffs’ claims for damages were “based upon [a] Defendants’ wrongful enforcement of patents that were fraudulently procured from the U.S. Patent and Trademark Office [USPTO] and which were known to be unenforceable and invalid; and [b] Defendants’ pattern of sham litigation, asserting objectively baseless claims to enforce patents known to be invalid and/or not infringed, all with the intent to directly interfere with and adversely affect the business operations of competitors, and to unlawfully obtain and maintain monopolistic control over the U.S. market for automatic card shufflers designed for casino use.”

My role in a previous patent infringement court case involving the primary defendant was to review the defendants’ patent infringement claims and to develop a set of non-validity charts that contrasted prior art and claims of previously awarded patents with the claims in the defendant’s patents. Multiple claims from multiple patents of the defendant were at issue. The intent of the non-validity charts therefore was to serve as the basis of negating each of the claims in the defendant’s numerous patents. Many hours of depositions were provided which, together with other data and other expert witness testimony were not sufficient to obtain an award for the plaintiff. Over a period of several years additional information was obtained by the plaintiffs to cause a re-examination of previously allowed claims by the patent office examiners. This re-examination considered the previously developed and new information and resulted in a reduction of the number of interference claims from a large number to just two.

Prior to the 2018 jury trial, two previously unknown videos of demonstration card shuffling devices, as well as information contained in recent depositions, were made available. This information served as the plaintiffs’ arguments as to why the remaining two infringement claims had no validity. After a four-day trial the jury was in agreement with the plaintiffs and awarded the plaintiffs a judgment of \$450 million. This was a very satisfactory conclusion to a very contentious situation.

—Joel S. Greenberg, November 15, 2018

## PRF CONGRATULATES DEBORAH GREENHUT FOR PRIZE-WINNING POEM

*We are delighted to include Deborah's 2017 Princemere Poetry Prize-winner:*

### Poem with Parrots for My Dangerous Man

Murder, *Querido*, can occur in any language.  
The moon remains the moon no matter what irons  
we toss into its craters.  
A telephone cabals, and your aggravation whoops into the night.  
A ring of unease circulates the kith and kin.

*Escuchame. Escribime.* Give me some skin!  
*Dites-moi* softly, how no two people have ever been so in love,  
as my macaroon and I. Quote me from Kierkegaard,  
fry a banana, you always looked well in a striped *cabaña*.  
So our world rackets, like two hot maracas.

The long night's moon shines a full fifteen hours  
and one minute. What will you do with your last moment?  
I know what I'm doing with mine.  
*Bésame mucho. ¿Quizás?* Mambo has a form, but not for me.  
When Grandma died, the day was near that moon.

You sang *fado*, five-six-seven-eight. The New York sky was naked,  
but occasional shawls overhung dreary spruce trees.  
Some berries will linger long after the wind turns cold.  
The gash of a tanager. The brazen silhouette of an angry jay.  
News from Gibraltar. Distract me, *prego*, from everyone's death.

Speak to the cultural use of a trombone. Slide or staccato,  
the music tells what is dear, what kind of motion  
we use to transport pity.  
Thank you for dancing me low to the floor. The wind  
blasts away everything unsecured.

So it puffed my mother into her grave. So it rudely bussed  
my father into his own. So you demanded I play the piano  
whenever *shiva* was sat in our home.  
Forgiveness resides with the *loros* if one chooses  
to hang by the nose. You are still here. Your lyrics chatter

way into the night driving your feathers where cigars should go.  
*Te amo. Je t'aime. Solas palabras. Genuch.* All languages are as dead  
as Latin for saying what you really mean.  
The fires are hotter than you expected, more searing than Habana  
dawns. You must like it here. The expectations are almost clear.

Cugat opened the twentieth century. Abbe Lane sat  
on your father's lap. At one time, we had a photo of this:  
We danced grandma's forks to "Brazil" in the kitchen.  
*Saludos Amigos.* The Gang's All Here. Thank you for jamming.  
Save your old *cajones* for the Devil.

So often you called me from under the sea. *Simpático*,  
the nickname that you gave to me. O, where have you gone  
my humpback whale? Our baby beluga  
*siestas* in jail. He thinks to feast on snacks from the guards.  
They are so human. You long for Truman,

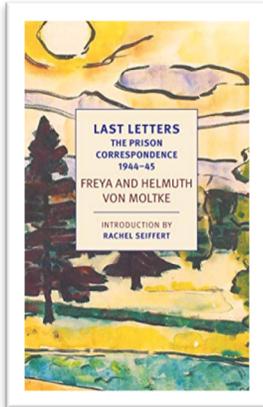
the last *Presidente* to whom you were *fidel*. Too bad *el jefe*  
disrupted your ventures. Our *guerilla* is petty  
but your libido was *grande*.  
I fainted whenever you brought me some candy. Look in your heart.  
If that doesn't work, there's always Tequila—  
If you can find the salt and lime in Tico Tico doing time.

## MEMBER NEWS

This year, **Linda Arntzenius** celebrates the tenth anniversary of her work as an oral historian working with the Shelby White and Leon Levy Archives Center at the Institute for Advanced Study. She serves as consulting editor for the Center of Theological Inquiry's magazine *Fresh Thinking*.

**Lara Freidenfelds** recently published an [op-ed](#) in the Washington Post (November 16) about former first lady Michelle Obama's discussion of her miscarriage as presented in her recent memoir, *Becoming*. Lara continues to publish peer-reviewed short essays as a regular contributor to Nursing Clio. Recent essays include a paean to [crossing guards](#), who put themselves between the cars and the kids tens of thousands of times a year without as much thanks as they deserve, and a [historical look](#) at how the Catholic hierarchy gained authority over birth decisions via rules of care at Catholic hospitals. In April she will travel to the University of Nebraska at Lincoln to deliver the Humanities in Medicine Keynote. For more information about Lara's activities, including her book *The Modern Period: Menstruation in Twentieth-Century America*, visit [www.larafreidenfelds.com](http://www.larafreidenfelds.com); [@larafreidenfeld](#) (twitter)

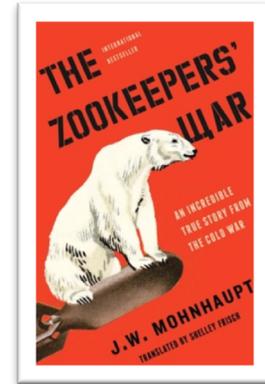
**Shelley Frisch** has two translations coming out later this year. The first, slated for September publication by New York Review of Books, is a set of correspondence between Helmuth and Freya von Moltke (grandparents of Dorothea von Moltke, owner of Labyrinth Books in Princeton), which was written while Helmuth was imprisoned by the Nazis before being executed in January 1945. For more information about *Last Letters: The Prison Correspondence between Helmuth James and*



*Freya von Moltke, 1944-45*, [click here](#).

Shelley's second translation will be published in November by Simon & Schuster, to mark the 30th anniversary of the fall of the Berlin Wall. It's an intriguing and fun-filled look, by Jan Mohnhaupt, at the zoo politics of East and West Berlin, as a microcosm of East-West tensions as a whole.

This title's eye-catching cover image has just been revealed:



Shelley is now working on two new translations, one for Princeton University Press and the other for Farrar, Straus & Giroux.

**Ellen Gilbert's** article "The Prescient Librarian: Ilse Bry and Sociobibliography," has been accepted for publication in an upcoming issue of *Collections: A Journal for Museum and Archives Professionals*. In addition, her paper "Opening Doors to Literature: People & Stories / Gente y Cuentos," has been accepted by *The International Journal of Information, Diversity, & Inclusion (IJIDI)* for publication in a special issue on Diversity & Reading (vol. 3, iss. 2, April 2019).

Member-at-Large **Joan Goldstein** is hosting an upcoming TV show on Nuclear Weapons with Princeton University astrophysicist Robert J. Goldston, international nuclear security expert Bruce Blair (co-founder of Global Zero), and Rev. Bob Moore, head of Peace Action Coalition. Joan's show for which she is both host and producer is called, "Back Story with Joan Goldstein." It appears on Princeton TV30 and Fios 45, Wednesdays at 8:30 p.m. and Sundays at 5:30 p.m. Joan has been hosting/producing this show for more than 12 years. She covers social, economic, and science issues of our time.

Leading the way to the 250th anniversary of Beethoven's birth next year, Harvard Square Editions will release the novel, *Invictus*, by PRF President **Linda Holt** in April. The book offers a fictional view of Beethoven's childhood from birth until age 16. Linda will discuss the book on "Back Story with Joan Goldstein" and during a book launch at A Novel Idea on Passyunk, a bookstore in Philadelphia, this spring. *The Black Spaniard*, Linda's novel about Beethoven's early years in Vienna was published by Unsolicited Press in 2016. She writes about classical music for the *Broad Street Review* [www.broadstreetreview.com](http://www.broadstreetreview.com).

An article by **Joyce Irwin**, “Dancing in Bach’s Time: Sin or Permissible Pleasure?” appeared in the volume *Bach and the Counterpoint of Religion*, edited by Robin Leaver and published by University of Illinois Press, 2018. She spent last summer in Halle, Germany, with support from the Alexander-von-Humboldt Foundation, studying the theology of music among Halle Pietists. On the basis of that research, she will present a paper at the February meeting of the Society for Christian Scholarship in Music concerning August Hermann Niemeyer’s oratorios.

**Donn Mitchell** is teaching a course in ethics at his alma mater, the General Theological Seminary of the Episcopal Church. Currently, his students are developing a project called “Seeing Christ in Human Rights,” which involves searching for images of Christ to accompany each article of the Universal Declaration of Human Rights. The exercise is intended to help students explain why Christians affirm a document that mentions neither Christ nor God but has garnered the support of all the world’s major religions. He is also planning a bookstore promotion for his book, *Tread the City’s Streets Again: Frances Perkins Shares Her Theology*. Donn is Editor & Publisher, *The Anglican Examiner* [www.AnglicanExaminer](http://www.AnglicanExaminer).

**Karen Reeds** celebrated “new life for an old exhibition” when a section of her exhibition of two decades ago, “A State of Health: New Jersey’s Medical Heritage,” was put on display on January 18. The exhibition was first mounted at Rutgers University, in conjunction with a meeting of the American Association for the History of Medicine in New Brunswick. A 48-panel version of the exhibition then toured to more than a dozen hospitals, libraries, campuses, and other sites in New Jersey and Philadelphia. In 2001, Rutgers University Press published the book that grew out of the show. “The exhibition’s 1998 map of New Jersey’s hospitals was resurrected for one day and members of the New Jersey Hospital Association attending the American Pharmacists Association’s 100th anniversary celebration in Princeton were fascinated to see how much the state’s landscape of hospitals and medical institutions had changed in just twenty years,” said Karen. Together with the head of special collections, Rutgers Biomedical and Health Sciences, Newark, Karen now hopes to put the entire panel show back on view at the George F. Smith Library of the Health Sciences in Newark.

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## ANNOUNCEMENTS

### NCIS TO CELEBRATE 30 YEARS AT JUNE CONFERENCE

The 30th Anniversary conference of the National Coalition of Independent Scholars (NCIS) is set for June 21-23, 2019, at the University of Massachusetts, Amherst. PRF is an affiliate group member of NCIS. As such, all PRF members are eligible to submit manuscripts and book reviews to NCIS’s open-access, peer-reviewed journal, *The Independent Scholar* (TIS). *The Independent Scholar* also publishes reviews of books, which may be authored or reviewed by independent scholars. The reviews are published on-line once the review has been approved by the editors. They are then published in the next edition of *The Independent Scholar*. Suggestions for suitable books should be sent to the Book Review Editor, [reviews@ncis.org](mailto:reviews@ncis.org). Guidelines and PDFs of past volumes of TIS (going back to 2007) can be found at [www.ncis.org/the-independent-scholar/tis](http://www.ncis.org/the-independent-scholar/tis). Queries should be addressed to [tis@ncis.org](mailto:tis@ncis.org).

To enjoy all the benefits of belonging to NCIS, individuals need to join NCIS as individual members. Several PRF members belong to both organizations. PRF members are not automatically NCIS members and should consider joining. NCIS benefits you as an individual, as a member of PRF, and as a part of the larger community of independent scholars: <https://www.ncis.org/join-ncis>. For more information, visit: <http://www.ncis.org/>

### MAILING ADDRESS

Please note that the PRF mailing address changed last year. The new address is: Princeton Research Forum, P.O. Box 264, Kingston, N.J. 08528-0264.

### WORK-IN-PROGRESS

To arrange for a work-in-progress or presentation, please contact WIP Chair Ellen Gilbert.

### PRF WEBSITE

The new user-friendly website, [www.princetonresearchforum.org](http://www.princetonresearchforum.org), provides information about our organization, how to become a member, the benefits of membership, some of our members’ accomplishments, and directions on paying dues.

## **DUES REMINDER**

PRF observes the academic year from September 1 through August 31. Annual dues for an individual are \$40; the bargain price for a couple is \$60. Or, if you want to take care of your membership once and for all, a lifetime membership is \$400. So far thirteen PRF members have taken this step and become Lifetime Members. The official deadline for receipt of dues for the 2018-2019 academic year was December 31. If you haven't done so already, please mail checks to: **Princeton Research Forum, P.O. Box 264, Kingston, N.J. 08528-0264.**

## **PRF PRESENTATION GRANTS**

*by Karen Reeds*

Giving a talk at a meeting? Save your receipts and apply for a PRF Presentation Grant when you get home. The grants help our members cover some of the costs of registration, travel, and accommodation. It's the easiest grant application you'll ever make. The first five grants awarded in a given year are named in honor of our late colleague, Frankie Hutner (1918 -2014), a founding member of PRF whose generosity continues to fund these grants.

Grants are awarded on a rolling basis, with no annual deadline. To be eligible, applicants must be PRF members in good standing for at least one year, must be an independent scholar, must incur presentation-related expenses in excess of \$300 that are not fully reimbursed by any other grant or institution, and must not have received more than one Presentation Grant within the previous five years.

If you meet the criteria, please send your documentation as soon as you have given a presentation to: Karen Reeds, PRF Grants Committee. Grant recipients are asked to write a short item about the presentation and conference for the PRF Newsletter.

## **NEWSLETTER SCHEDULE**

**Fall/Winter Issue:** *deadline* mid-late Sept for publication October 15; **Spring/Summer Issue:** *deadline* mid-late April for publication May 15; **Winter/Spring Issue:** *deadline* mid-late January for publication February 15.

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## **PRINCETON RESEARCH FORUM OFFICERS 2018-2019**

President: Linda Holt  
Vice-President: Linda Arntzenius  
Treasurer: Joyce Irwin  
Secretary: Karen Reeds

### **Members-at-Large:**

Joan Goldstein  
Ludmilla Popova-Wightman

### **Committee Heads:**

Calendar: Pat Hyatt  
Grants Officer & NCIS Liaison: Karen Reeds  
Library Access: Eva Bodanszky  
Membership: Terri McNichol  
Interim Newsletter: Linda Arntzenius  
Program: Pamela Sheehan  
Publicity: Winifred Hughes  
Webmaster: Lina Genovesi  
Work in Progress/Presentation Seminars: Ellen Gilbert

### **Chairs of Study Groups:**

Humanities: Ashwini Mokashi  
Poetry: Winifred Hughes  
Science/Science History: Boris Katz

**Princeton Research Forum, P.O. Box 264, Kingston, N.J. 08528-0264**