

Captions will appear here. THAT I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE ARE A COUPLE OF STATISTICS ABOUT PUBMED FOR THOSE OF YOU WHO ARE INTERESTED. PUBMED HAS ABOUT 22 MILLION CITATIONS, 90% OF THOSE ARE INDEXED FOR MEDLINE, AND ALMOST 5600 JOURNALS ARE CURRENTLY INDEXED FOR MEDLINE. IN A TYPICAL DAY, PUBMED IS USE ED IN 3.2 MILLION WEB SEARCHES, THAT'S 1.6 UNIQUE USERS, AND 3.8 MILLION SCRIPT SEARCHES THROUGH API AND OUT SIDE INTERFACES, AND THEN ABOUT 45,000 MOBILE SEARCHES. I'M SURE THE BIGGEST CHANGE THAT MOST OF YOU HAVE ALREADY NOTICED IS THE FILTERS. THESE HAVE REPLACED LIMITS, AND THEY NOW DISPLAY ON THE LEFT-HAND SIDE OF ANY PUBMED SEARCH. I'M GOING TO TAKE A MINUTE AND DEMONSTRATE THOSE . SO IF I DO A SEARCH IN PUBMED , THEN MY FILTERS WILL SHOW UP. I CAN LIMIT BY DATE, BY HUMANS, BY DIFFERENT TYPES OF ARTICLE TYPES, AND YOU'LL NOTICE THAT SYSTEMATIC REVIEWS, ALTHOUGH NOT TECHNICALLY AN ARTICLE TYPE IN PUBMED, ARE NOW LISTED UNDER THE ARTICLE TYPE SO THAT THEY ARE MORE VISIBLE IN THE FILTERS. YOU CAN ALSO LIMIT BY ENGLISH. THESE ARE STICKY, LIKE THE LIMITS WERE, WHICH MEANS THEY WILL LAST FROM SEARCH TO SEARCH UNTIL YOU TURN THEM OFF . YOU CAN SHOW ADDITIONAL FILTERS BY CLICKING "SHOW ADDITIONAL FILTERS." YOU CAN SEE THAT YOU CAN ALSO FILTER BY SEX, BY SUBJECT, BY JOURNAL CATEGORIES, BY AGES, AND THESE SUBJECTS AND JOURNAL CATEGORIES ARE WHAT USED TO BE IN THE SUBSET SECTION OF THE LIMITS. LET ME SHOW YOU. SO YOU CAN SEE NOW THE JOURNAL CATEGORIES ARE LISTED HERE, AND SUBJECTS ARE LISTED HERE AND YOU CAN CLICK "MORE"

TO SEE MORE. YOU'LL NOTICE THAT JUST CHECKING IN DOES NOT TURN THE LIMITS ON. YOU ACTUALLY THEN HAVE TO CLICK ON THE WORD -- THE PHRASE TO TURN THE LIMITS ON. SO I'M GOING TO LIMIT TO RANDOMIZED CONTROL TRIAL IN THE LAST FIVE YEARS AND ENGLISH. YOU CAN SEE AS I'M CHANGING THESE THAT THE SEARCH RESULTS CHANGE AS I CLICK EACH INDIVIDUAL FILTER . YOU CAN CLEAR FILTER CLICKING ON THE FILTER ITSELF, BY CLICKING CLEAR NEXT TO THE CATEGORY, OR BY CLICKING "CLEAR ALL." ANOTHER THING TO MENTION IS THAT LIKE LIMITS, CLICKING SOME FILTERS WILL LIMIT YOUR SEARCH TO INDEXED RESULTS. SO FOR EXAMPLE, PUBLICATION TYPES, AGE GROUP, SPECIES AND SEX WILL ALL RESTRICT YOUR SEARCH TO INDEXED RECORDS. ONLY THE FILTERS THAT ARE VALID FOR YOUR SEARCH RESULTS WILL APPEAR, SO FOR EXAMPLE, IF I DO A VERY SMALL SEARCH YOU WILL THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

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WANT TO KNOW MORE ABOUT ADVANCED SEARCH AND HOW TO BUILD YOUR SEARCH, I HIGHLY RECOMMEND IT. FAVORITES IS A NEW DEFAULTS COLLECTION IN YOUR MYNCBI. WHEN YOU ARE IN THE ABSTRACT VIEW OF A SEARCH, THEN YOU WILL SEE THE OPTION ON THE RIGHT-HAND SIDE TO SAVE ITEM, AND THE DEFAULT IS FAVORITE, WHICH AGAIN YOU NOW HAVE A COLLECTION ON YOUR MY NCBI COUNT FOR FAVORITES, BUT ALL OF YOUR OTHER COLLECTIONS WILL ALSO SHOW BY CLICKING THE DOWN ARROW NEXT TO THE WORD "FAVORITE." YOU WILL ALSO HAVE THE OPTION TO CREATE A NEW COLLECTION. THERE'S NOW AN OPTION TO EXPORT TO CITATION MANAGER, AND THIS IS REALLY NICE BECAUSE WHEN I USED TO TEACH PUBMED AND REF WORKS, THEN YOU'D HAVE TO GO TO DISPLAY SETS, DISPLAY FOR MEDLINE, AND THEN SAVE AS A TEXT FILE. NOW YOU HAVE THE OPTION TO CHOOSE CITATION MANAGER. YOU'LL STILL GET A FILE THAT YOU WILL THEN HAVE TO UPLOAD INTO YOUR CITATION MANAGER, BUT IT'S MUCH MORE INTUITIVE THAN IT USED TO BE. YOU ALSO NOW HAVE THE OPTION TO CHANGE THE SUBJECT IN YOUR EMAIL SUBJECT LINE, SO RATHER THE DEFAULT SUBJECT, YOU CAN CHANGE THE SUBJECT. WHICH IS A NICE NEW FEATURE. IT'S ALWAYS GREAT WHEN YOU HAVE A PRESENTATION PLANNED AND ONE OF THE THINGS YOU WERE GOING TO DEMONSTRATE DOESN'T WORK ON THE MORNING THAT YOU WANT TO DEMONSTRATE IT. UNFORTUNATELY, THIS IS A FEATURE I JUST EMAILED NCBI THIS MORNING BECAUSE THE COMPUTED AUTHOR DISPLAY WASN'T WORKING THIS MORNING, BUT TRUST ME, ONCE IT WORKS, IT'S PRETTY COOL. WHEN YOU ARE IN THE ABSTRACT VIEW, YOU CAN CLICK ON AN AUTHOR'S NAME AND WHAT IT'S GOING TO DO IS USING AN ALGORITHM THAT COMPARES CITATIONS WITH THE SAME AUTHOR NAME AS WELL AS METADATA FOR CITATIONS SUCH AS CO-AUTHORS, JOURNAL, TITLE, AFFILIATION, ABSTRACT, MESH TERMS, GRANTS AND PUBLICATION DATES. THEN THE CITATIONS THAT SHARE LIKE AUTHOR NAMES ARE DIVIDED INTO DIFFERENT GROUPS BY CLUSTERING THE CITATIONS THAT ARE HIGHLY SIMILAR TO EACH OTHER. SO WHAT YOU HOPE IT SEE IS THAT YOU WILL NOW GET SORTED BY A COMPUTER AUTHOR SORT OF BY COMPUTED AUTHOR, AND THEN THE ARTICLES THAT ARE MOST LIKELY TO BE BY THAT PARTICULAR AUTHOR RATHER THAN ANOTHER JEANNIE CABARINI WILL SHOW UP FIRST IN YOUR RESULTS. VERSIONING IS SOMETHING THAT'S VERY NEW. CURRENTLY ONLY ONE PUBLICATION IS SUBMITTING VERSIONS TO PUBMED, AND THAT IS THE PUBLIC LIBRARY OF SCIENCE CURRENTS. WHAT THEY'RE DOING NOW AND WHAT I ASSUME OTHER JOURNALS WILL DO IN THE FUTURE IS THEY LET NCBI PUBMED KNOW WHEN THEY HAVE A NEW VERSION OF AN ARTICLE, AND THEN ONLY THE CURRENT VERSION SHOWS UP IN SEARCH RESULTS. ALL VERSIONS SHARE THE SAME PMID NUMBER, BUT THEY HAVE A POINT FOLLOWED BY THE NUMBER VERSION IF YOU WANT IT TO LOOK FOR A PARTICULAR VERSION. SO FOR EXAMPLE, THE EARLIEST VERSION WOULD BE .1 FOLLOWED BY THE SECOND VERSION, .2 AND SO ON. THIS IS WHAT THE AB ABSTRACT VIEW LOOKS LIKE IN A VERSIONED ARTICLE. YOU CAN SEE THAT ALL THE VERSIONS HAVE THE SAME PMID NUMBER. AND YOU WILL HAVE AN OPTION TO CLICK OTHER VERSIONS. HOWEVER, ONLY THE MOST RECENT VERSION WILL SHOW UP IN SEARCH RESULTS. YOU MAY HAVE NOTICE ED THAT THE DEFAULT FILTER S HAVE NOW -- FROM THE RIGHT-HAND SIDE BECAUSE ALL THE FILTERS ARE NOW ON THE LEFT-HAND SIDE. IN THE FUTURE, THE MY NCBI FILTERS WILL ALSO GO ON THE LEFT-HAND SIDE. RIGHT NOW THEY'RE GOING TO SHOW UP ON THE RIGHT-HAND SIDE AS THEY ALWAYS HAVE. IF YOU'RE NOT IN MY NCBI, WHAT WILL HAPPEN ON THE RIGHT-HAND SIDE IS THAT YOU WILL GET RESULTS BY YEAR AND PMC IMAGES SEARCH. THE RESULTS BY YEAR TIMELINE TOOL WILL DISPLAY FOR SEARCH RESULTS WITH 10,000 OR MORE CITATIONS, AND YOU CAN MOUSE OVER THE BARS IN THE TIMELINE TO DISPLAY THE NUMBER OF

CITATIONS FOR EACH YEAR AND CLICK ON INDIVIDUAL BARS IN THE TIMELINE TO DISPLAY RESULTS FOR A SINGLE YEAR. THE IMAGES RESULTS WILL DISPLAY IF THERE ARE FOUR MORE IMAGES IN PMC, OR PUBMED CENTRAL. YOU CAN SEE THIS IS A SEARCH FOR H1N1, AND YOU CAN SEE IN THE FAR RIGHT THAT THE RESULTS BY YEAR CLEARLY SHOW THAT THIS WAS A NEW CONCEPT OR A INCREASINGLY DISCUSSED CONCEPT AND THEN FELL DOWN A BIT. YOU CAN ALSO SEE THE PMC EMANLS SEARCH. THIS IS THE CLOSER VIEW. THIS IS A SEARCH FOR MEDICAL TOURISM. MEDICAL TOURISM WOULD NOT SHOW UP WITH A TIMELINE VIEW, OR THE RESULTS BY YEAR VIEW, BECAUSE THERE AREN'T 10,000 CITATIONS FOR MEDICAL TOURISM. HOWEVER, THERE ARE FOUR OR MORE IMAGES IN PUBMED CENTRAL OR PMC. IF YOU HOVER OVER THESE IMAGES , THEY WILL DISPLAY LARGER ON YOUR SCREEN. ANOTHER NEW RESOURCE OR NEW FEATURE IS THAT PUBMED RESULTS IN THE NLM SITE SEARCH. SO HERE'S THE NLM HOME PAGE. AND IF I SEARCH IN THE SEARCH BOX UP HERE, ON THE RIGHT-HAND SIDE , YOU WILL SEE THAT THE SEARCHES ARE BROKEN DOWN TO NLM SELECTED RESOURCES, MEDLINEPLUS HEALTH INFORMATION AND PUBMED CITATIONS. AND THEN FROM HERE, YOU CAN SEE MORE ARTICLES IN PUBMED. I THINK THIS IS A REALLY NICE FEATURE. IF YOU ARE PROMOTING ALL THE RESOURCES OF NLM TO FOLKS, THEN THEY CAN START THEIR SEARCH AT THE NLM HOME PAGE AND HAVE DIFFERENT RESOURCES BASED ON THE LEVEL OF INFORMATION THAT THEY'RE LOOKING FOR. IF YOU WANT TO KEEP UP WITH PUBMED, I HIGHLY RECOMMEND THE NLM TECHNICAL BULLETIN, AS WELL AS MUST BE PED TUTORIALS. I WILL COPY THESE LINKS AND PUT THEM IN THE CHAT BOX. THESE ARE THE PUBMED TUTORIALS. THEY UPDATE VERY REGULARLY. FOR EXAMPLE, THE FILTER SES S CAME UP IN MAY AND AS SOON AS THEY WERE ANNOUNCED, THERE WAS A QUICK TOUR TUTORIAL FOR THEM. THERE'S ALSO A LARGER PUBMED TUTORIAL. AS WELL AS THE PUBMED UPDATE FROM THE MLA ANNUAL MEETING , FREQUENTLY AVAILABLE TO USE AND TO MODIFY. YOU CAN ALSO TAKE COURSES, I TEACH PUBMED COURSES AROUND THE REGION. I ALSO HAVE AN ONLINE CLASS CALLED "MAKING PUBMED WORK FOR YOU" THAT IS CURRENTLY -- THAT WILL START THIS COMING MONDAY, IF YOU'D LIKE TO REGISTER FOR THAT, YOU CAN GO TO OUR NLM MAR HOME PAGE. THIS IS THE NLM TECHNICAL BULLETIN. I HIGHLY RECOMMEND HAVING EITHER AN RSS OR EMAIL SUBSCRIPTION TO THE NLM TECHNICAL BULLETIN. IT GIVES GREAT INFORMATION AND THIS IS THE PLACE THAT YOU'RE GOING TO GET FIRST NOTICE OF CHANGES IN PUBMED AS WELL AS ALL NLM PRODUCTS. THANK YOU VERY MUCH. YOU CAN CONTACT ME AT ANY TIME, AND WE'LL TAKE QUESTIONS. YOU CAN PUT THEM IN YOUR CHAT BOX AND MISSY WILL READ THEM.

>> HI, EVERYONE. THIS IS MISSY. I JUST WANT TO MAKE SURE HOPEFULLY YOU CAN ALL HEAR ME AGAIN. BEFORE WE TAKE QUESTIONS, LET ME JUST SAY TWO LITTLE THINGS.

FIRST OF ALL, I AM ABSOLUTELY AMAZED WE HAVE OVER A HUNDRED ATTENDEES IN OUR SESSION TODAY. THIS IS FANTASTIC, ESPECIALLY IN LIGHT OF OUR AUDIO CHALLENGES. SECONDLY, I WANT TO ASK, BEFORE WE TAKE QUESTIONS, WOULD EVERY ONE PLEASE MAKE SURE TO TYPE IN THE CHAT BOX CODE, BECAUSE WE DO NEED TO RECORD FOR OUR STATISTICS WHERE EVERYONE WAS CONNECTING FROM. WE DO APPRECIATE EVERYBODY'S PATIENCE TODAY, SO PLEASE, YES, IF PEOPLE HAVE ANY QUESTIONS, PLEASE TYPE IN THE CHAT BOX . "CAN YOU EXPLAIN WHAT FLEXIBLE IS VERSUS FULL TEXT AVAILABLE?"

>> FULL TEXT AVAILABLE MEANS THAT THERE IS A LINK TO LIBRARY OR TO A PUBLISHER'S LINK THAT DOESN'T MEAN THAT IT'S FREE, THAT MEANS THAT THERE WILL BE A LINK IN THE RECORD TO GET THE FULL TEXT SOME WAY. FREE FULL TEXT MEANS THAT THERE IS TRULY A FREE LINK .

>> THE NEXT QUESTION WE HAVE IS, DO YOU KNOW WHAT NLM IS DOING FOR AUTHOR AUTHORITY CONTROL BESIDES THE COMPUTER AUTHOR -- COMPUTED AUTHOR FEATURE?

>> I KNOW THEY CONTINUE TO DO RESEARCH INTO THIS. ONE OF THE THINGS THAT THEY'RE DOING IS YOU CAN NOW PUT THE AUTHOR'S FULL NAME INTO THE CITATION AND THAT HELPS. RIGHT NOW I DON'T KNOW ANYTHING OTHER THAN THAT. THAT'S COMING DOWN THE PIKE FOR AUTHOR AUTHORITY CONTROL. SOMEBODY ELSE MAY BUT THAT'S ALL I KNOW THEY'RE DOING SPECIFICALLY.

>> THE NEXT IS, "I HAVE TRIED THE CITATION MANAGER, BUT IT DOES NOT COME IN A TXT-TEXT FORMAT, WHICH IS WHAT REF WORKS IS LOOKING FOR. IT'S A WEIRD NCBI FORMAT."

>> YES, IT'S A B -- THAT SHOULD WORK AS LONG AS YOU ARE CHOOSING THE DATABASE THAT THE CITATIONS ARE COMING FROM FROM NLM PUBMED. HAVE YOU HAD A PROBLEM WITH IT ?

>> THIS IS MISSY. I DON'T SEE HER ANSWERING THE QUESTION. LET ME READ THE NEXT QUESTION . JEAN SAYS IT DOES NOT WORK.

>> EMAIL ME, JEAN, AND WE'LL FIGURE IT OUT. THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

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BY JOURNAL CATEGORIES, BY AGES, AND THESE SUBJECTS AND JOURNAL CATEGORIES ARE WHAT USED TO BE IN THE SUBSET SECTION OF THE LIMITS. LET ME SHOW YOU. SO YOU CAN SEE NOW THE JOURNAL CATEGORIES ARE LISTED HERE, AND SUBJECTS ARE LISTED HERE AND YOU CAN CLICK "MORE" TO SEE MORE. YOU'LL NOTICE THAT JUST CHECKING IN DOES NOT TURN THE LIMITS ON. YOU ACTUALLY THEN HAVE TO CLICK ON THE WORD -- THE PHRASE TO TURN THE LIMITS ON. SO I'M GOING TO LIMIT TO RANDOMIZED CONTROL TRIAL IN THE LAST FIVE YEARS AND ENGLISH. YOU CAN SEE AS I'M CHANGING THESE THAT THE SEARCH RESULTS CHANGE AS I CLICK EACH INDIVIDUAL FILTER . YOU CAN CLEAR FILTER CLICKING ON THE FILTER ITSELF, BY CLICKING CLEAR NEXT TO THE CATEGORY, OR BY CLICKING "CLEAR ALL." ANOTHER THING TO MENTION IS THAT LIKE LIMITS, CLICKING SOME FILTERS WILL LIMIT YOUR SEARCH TO INDEXED RESULTS. SO FOR EXAMPLE, PUBLICATION TYPES, AGE GROUP, SPECIES AND SEX WILL ALL RESTRICT YOUR SEARCH TO INDEXED RECORDS. ONLY THE FILTERS THAT ARE VALID FOR YOUR SEARCH RESULTS WILL APPEAR, SO FOR EXAMPLE, IF I DO A VERY SMALL SEARCH YOU WILL NOTICE THAT THE ARTICLE TYPES LIMIT TO JUST WHAT'S AVAILABLE. SO FOR EXAMPLE, THERE ARE NO RANDOMIZED CONTROL TRIALS ON HOMER SIMPSON, AND, THEREFORE, THEY WON'T SHOW UP AS ARTICLE TYPES. IF YOU WANTED TO SEE ADDITIONAL ARTICLE TYPES, YOU CAN CLICK "MORE ," HOWEVER, BECAUSE THEY DON'T SHOW HERE MEANS THAT THERE PROBABLY IS NOT A, FOR EXAMPLE, RANDOMIZED CONTROL TRIAL FOR THIS SEARCH. AND AGAIN, HERE ARE THE SUBJECTS AND THE JOURNAL CATEGORIES THAT HAVE BEEN BROKEN OUT FROM WHAT USED TO BE CALLED SUBSETS. OKAY. LET'S TALK ABOUT THE ADVANCED SEARCH. THE ADVANCED SEARCH CHANGED ABOUT A YEAR AGO . YOU CAN GET TO IT FROM ANY PUBMED SEARCHING, SEARCH BOX. YOU CAN SEE THAT HISTORY NOW SHOWS UP IN YOUR ADVANCED SEARCH LIKE THIS, AND THEN IN THE MIDDLE, YOU HAVE THE SEARCH BUILDER. YOU CAN BUILD YOUR SEARCH USING LOTS OF DIFFERENT SEARCH FIELDS. FOR EXAMPLE, YOU CAN DO AFFILIATION, YOU CAN DO AUTHOR NAME, DATE , YOU CAN SEARCH FOR WORDS IN THE JOURNAL, SPECIFIC JOURNALS, LANGUAGE, YOU CAN SEARCH BY MESH TERM, MAJOR TOPIC, MESH SUBHEADING, SO FOR EXAMPLE, IF I WANTED TO SEARCH FOR THE ADVERSE EFFECTS OF CERTAIN TREATMENTS, THEN I CAN ACTUALLY SEARCH BY ADVERSE EFFECTS. IF YOU WANT TO SEE ALL OF THE AVAILABLE TERMS, YOU CAN CLICK "SHOW INDEX LIST." THAT WILL GIVE YOU ALL OF THE AVAILABLE TERMS FOR SUBHEADING. THEN IF I WANTED TO HAVE THE MESH MAJOR TOPIC BE DIABETES, I CAN SEARCH THAT AND AGAIN, I CAN SHOW THE INDEX LIST FOR AVAILABLE MESH HEADINGS . IF I WANT TO JUST SEE HOW MANY SEARCH RESULTS I'LL GET, I CAN CLICK "ADD TO HISTORY," AND YOU CAN SEE THE NUMBER OF ITEMS FOUND. YOU CAN ADD SEARCH TERMS -- YOU CAN ADD SEARCHES TO YOUR SEARCH BUILDER, EITHER BY CLICKING ADD OR BY CLICKING SEARCH AND PUTTING BUILDER, YOU CAN SHOW THE SEARCH RESULTS, YOU CAN SHOW THE SEARCH DETAILS AND YOU CAN SAVE TO MY NCBI. AND AGAIN, THERE ARE SEVERAL DIFFERENT THINGS THAT YOU CAN USE IN YOUR SEARCH BUILDER. THERE'S A VERY NICE TUTORIAL FOR ADVANCED SEARCH BUILDER, A YOUTUBE TUTORIAL. IT'S ABOUT TWO MINUTES LONG, ON ADVANCED SEARCH BUILDER, AND IF YOU WANT TO KNOW MORE ABOUT ADVANCED SEARCH AND HOW TO BUILD YOUR SEARCH, I HIGHLY RECOMMEND IT. FAVORITES IS A NEW DEFAULTS COLLECTION IN YOUR MYNCBI. WHEN YOU ARE IN THE ABSTRACT VIEW OF A SEARCH, THEN YOU WILL SEE THE OPTION ON THE RIGHT-HAND SIDE TO SAVE ITEM, AND THE DEFAULT IS FAVORITE, WHICH AGAIN YOU NOW HAVE A COLLECTION ON YOUR MY NCBI COUNT FOR FAVORITES, BUT ALL OF YOUR OTHER COLLECTIONS WILL ALSO SHOW BY CLICKING THE DOWN ARROW NEXT TO THE WORD "FAVORITE." YOU WILL ALSO HAVE THE OPTION TO

CREATE A NEW COLLECTION. THERE'S NOW AN OPTION TO EXPORT TO CITATION MANAGER, AND THIS IS REALLY NICE BECAUSE WHEN I USED TO TEACH PUBMED AND REF WORKS, THEN YOU'D HAVE TO GO TO DISPLAY SETS, DISPLAY FOR MEDLINE, AND THEN SAVE AS A TEXT FILE. NOW YOU HAVE THE OPTION TO CHOOSE CITATION MANAGER. YOU'LL STILL GET A FILE THAT YOU WILL THEN HAVE TO UPLOAD INTO YOUR CITATION MANAGER, BUT IT'S MUCH MORE INTUITIVE THAN IT USED TO BE. YOU ALSO NOW HAVE THE OPTION TO CHANGE THE SUBJECT IN YOUR EMAIL SUBJECT LINE, SO RATHER THE DEFAULT SUBJECT, YOU CAN CHANGE THE SUBJECT. WHICH IS A NICE NEW FEATURE. IT'S ALWAYS GREAT WHEN YOU HAVE A PRESENTATION PLANNED AND ONE OF THE THINGS YOU WERE GOING TO DEMONSTRATE DOESN'T WORK ON THE MORNING THAT YOU WANT TO DEMONSTRATE IT. UNFORTUNATELY, THIS IS A FEATURE I JUST EMAILED NCBI THIS MORNING BECAUSE THE COMPUTED AUTHOR DISPLAY WASN'T WORKING THIS MORNING, BUT TRUST ME, ONCE IT WORKS, IT'S PRETTY COOL. WHEN YOU ARE IN THE ABSTRACT VIEW, YOU CAN CLICK ON AN AUTHOR'S NAME AND WHAT IT'S GOING TO DO IS USING AN ALGORITHM THAT COMPARES CITATIONS WITH THE SAME AUTHOR NAME AS WELL AS METADATA FOR CITATIONS SUCH AS CO-AUTHORS, JOURNAL, TITLE, AFFILIATION, ABSTRACT, MESH TERMS, GRANTS AND PUBLICATION DATES. THEN THE CITATIONS THAT SHARE LIKE AUTHOR NAMES ARE DIVIDED INTO DIFFERENT GROUPS BY CLUSTERING THE CITATIONS THAT ARE HIGHLY SIMILAR TO EACH OTHER. SO WHAT YOU HOPE IT SEE IS THAT YOU WILL NOW GET SORTED BY A COMPUTER AUTHOR SORT OF BY COMPUTED AUTHOR, AND THEN THE ARTICLES THAT ARE MOST LIKELY TO BE BY THAT PARTICULAR AUTHOR RATHER THAN ANOTHER JEANNIE CABARINI WILL SHOW UP FIRST IN YOUR RESULTS. VERSIONING IS SOMETHING THAT'S VERY NEW. CURRENTLY ONLY ONE PUBLICATION IS SUBMITTING VERSIONS TO PUBMED, AND THAT IS THE PUBLIC LIBRARY OF SCIENCE CURRENTS. WHAT THEY'RE DOING NOW AND WHAT I ASSUME OTHER JOURNALS WILL DO IN THE FUTURE IS THEY LET NCBI PUBMED KNOW WHEN THEY HAVE A NEW VERSION OF AN ARTICLE, AND THEN ONLY THE CURRENT VERSION SHOWS UP IN SEARCH RESULTS. ALL VERSIONS SHARE THE SAME PMID NUMBER, BUT THEY HAVE A POINT FOLLOWED BY THE NUMBER VERSION IF YOU WANT IT TO LOOK FOR A PARTICULAR VERSION. SO FOR EXAMPLE, THE EARLIEST VERSION WOULD BE .1 FOLLOWED BY THE SECOND VERSION, .2 AND SO ON. THIS IS WHAT THE AB ABSTRACT VIEW LOOKS LIKE IN A VERSIONED ARTICLE. YOU CAN SEE THAT ALL THE VERSIONS HAVE THE SAME PMID NUMBER. AND YOU WILL HAVE AN OPTION TO CLICK OTHER VERSIONS. HOWEVER, ONLY THE MOST RECENT VERSION WILL SHOW UP IN SEARCH RESULTS. YOU MAY HAVE NOTICE ED THAT THE DEFAULT FILTER S HAVE NOW -- FROM THE RIGHT-HAND SIDE BECAUSE ALL THE FILTERS ARE NOW ON THE LEFT-HAND SIDE. IN THE FUTURE, THE MY NCBI FILTERS WILL ALSO GO ON THE LEFT-HAND SIDE. RIGHT NOW THEY'RE GOING TO SHOW UP ON THE RIGHT-HAND SIDE AS THEY ALWAYS HAVE. IF YOU'RE NOT IN MY NCBI, WHAT WILL HAPPEN ON THE RIGHT-HAND SIDE IS THAT YOU WILL GET RESULTS BY YEAR AND PMC IMAGES SEARCH. THE RESULTS BY YEAR TIMELINE TOOL WILL DISPLAY FOR SEARCH RESULTS WITH 10,000 OR MORE CITATIONS, AND YOU CAN MOUSE OVER THE BARS IN THE TIMELINE TO DISPLAY THE NUMBER OF CITATIONS FOR EACH YEAR AND CLICK ON INDIVIDUAL BARS IN THE TIMELINE TO DISPLAY RESULTS FOR A SINGLE YEAR. THE IMAGES RESULTS WILL DISPLAY IF THERE ARE FOUR MORE IMAGES IN PMC, OR PUBMED CENTRAL. YOU CAN SEE THIS IS A SEARCH FOR H1N1, AND YOU CAN SEE IN THE FAR RIGHT THAT THE RESULTS BY YEAR CLEARLY SHOW THAT THIS WAS A NEW CONCEPT OR A INCREASINGLY DISCUSSED CONCEPT AND THEN FELL DOWN A BIT. YOU CAN ALSO SEE THE PMC EMANLS SEARCH. THIS IS THE CLOSER VIEW. THIS IS A SEARCH FOR MEDICAL TOURISM. MEDICAL TOURISM WOULD NOT

SHOW UP WITH A TIMELINE VIEW, OR THE RESULTS BY YEAR VIEW, BECAUSE THERE AREN'T 10,000 CITATIONS FOR MEDICAL TOURISM. HOWEVER, THERE ARE FOUR OR MORE IMAGES IN PUBMED CENTRAL OR PMC. IF YOU HOVER OVER THESE IMAGES , THEY WILL DISPLAY LARGER ON YOUR SCREEN. ANOTHER NEW RESOURCE OR NEW FEATURE IS THAT PUBMED RESULTS IN THE NLM SITE SEARCH. SO HERE'S THE NLM HOME PAGE. AND IF I SEARCH IN THE SEARCH BOX UP HERE, ON THE RIGHT-HAND SIDE , YOU WILL SEE THAT THE SEARCHES ARE BROKEN DOWN TO NLM SELECTED RESOURCES, MEDLINEPLUS HEALTH INFORMATION AND PUBMED CITATIONS. AND THEN FROM HERE, YOU CAN SEE MORE ARTICLES IN PUBMED. I THINK THIS IS A REALLY NICE FEATURE. IF YOU ARE PROMOTING ALL THE RESOURCES OF NLM TO FOLKS, THEN THEY CAN START THEIR SEARCH AT THE NLM HOME PAGE AND HAVE DIFFERENT RESOURCES BASED ON THE LEVEL OF INFORMATION THAT THEY'RE LOOKING FOR. IF YOU WANT TO KEEP UP WITH PUBMED, I HIGHLY RECOMMEND THE NLM TECHNICAL BULLETIN, AS WELL AS MUST BE PED TUTORIALS. I WILL COPY THESE LINKS AND PUT THEM IN THE CHAT BOX. THESE ARE THE PUBMED TUTORIALS. THEY UPDATE VERY REGULARLY. FOR EXAMPLE, THE FILTER SES S CAME UP IN MAY AND AS SOON AS THEY WERE ANNOUNCED, THERE WAS A QUICK TOUR TUTORIAL FOR THEM. THERE'S ALSO A LARGER PUBMED TUTORIAL. AS WELL AS THE PUBMED UPDATE FROM THE MLA ANNUAL MEETING , FREQUENTLY AVAILABLE TO USE AND TO MODIFY. YOU CAN ALSO TAKE COURSES, I TEACH PUBMED COURSES AROUND THE REGION. I ALSO HAVE AN ONLINE CLASS CALLED "MAKING PUBMED WORK FOR YOU" THAT IS CURRENTLY -- THAT WILL START THIS COMING MONDAY, IF YOU'D LIKE TO REGISTER FOR THAT, YOU CAN GO TO OUR NLM MAR HOME PAGE. THIS IS THE NLM TECHNICAL BULLETIN. I HIGHLY RECOMMEND HAVING EITHER AN RSS OR EMAIL SUBSCRIPTION TO THE NLM TECHNICAL BULLETIN. IT GIVES GREAT INFORMATION AND THIS IS THE PLACE THAT YOU'RE GOING TO GET FIRST NOTICE OF CHANGES IN PUBMED AS WELL AS ALL NLM PRODUCTS. THANK YOU VERY MUCH. YOU CAN CONTACT ME AT ANY TIME, AND WE'LL TAKE QUESTIONS. YOU CAN PUT THEM IN YOUR CHAT BOX AND MISSY WILL READ THEM.

>> HI, EVERYONE. THIS IS MISSY. I JUST WANT TO MAKE SURE HOPEFULLY YOU CAN ALL HEAR ME AGAIN. BEFORE WE TAKE QUESTIONS, LET ME JUST SAY TWO LITTLE THINGS.

FIRST OF ALL, I AM ABSOLUTELY AMAZED WE HAVE OVER A HUNDRED ATTENDEES IN OUR SESSION TODAY. THIS IS FANTASTIC, ESPECIALLY IN LIGHT OF OUR AUDIO CHALLENGES. SECONDLY, I WANT TO ASK, BEFORE WE TAKE QUESTIONS, WOULD EVERY ONE PLEASE MAKE SURE TO TYPE IN THE CHAT BOX CODE, BECAUSE WE DO NEED TO RECORD FOR OUR STATISTICS WHERE EVERYONE WAS CONNECTING FROM. WE DO APPRECIATE EVERYBODY'S PATIENCE TODAY, SO PLEASE, YES, IF PEOPLE HAVE ANY QUESTIONS, PLEASE TYPE IN THE CHAT BOX . "CAN YOU EXPLAIN WHAT FLEXIBLE IS VERSUS FULL TEXT AVAILABLE?"

>> FULL TEXT AVAILABLE MEANS THAT THERE IS A LINK TO LIBRARY OR TO A PUBLISHER'S LINK THAT DOESN'T MEAN THAT IT'S FREE, THAT MEANS THAT THERE WILL BE A LINK IN THE RECORD TO GET THE FULL TEXT SOME WAY. FREE FULL TEXT MEANS THAT THERE IS TRULY A FREE LINK .

>> THE NEXT QUESTION WE HAVE IS, DO YOU KNOW WHAT NLM IS DOING FOR AUTHOR AUTHORITY CONTROL BESIDES THE COMPUTER AUTHOR -- COMPUTED AUTHOR FEATURE?

>> I KNOW THEY CONTINUE TO DO RESEARCH INTO THIS. ONE OF THE THINGS THAT THEY'RE DOING IS YOU CAN NOW PUT THE AUTHOR'S FULL NAME INTO THE CITATION AND THAT HELPS. RIGHT NOW I DON'T KNOW ANYTHING OTHER THAN THAT. THAT'S COMING DOWN THE PIKE FOR AUTHOR AUTHORITY CONTROL. SOMEBODY ELSE MAY BUT THAT'S ALL I KNOW THEY'RE DOING SPECIFICALLY.

>> THE NEXT IS, "I HAVE TRIED THE CITATION MANAGER, BUT IT DOES NOT COME IN A TXT-TEXT FORMAT, WHICH IS WHAT REF WORKS IS LOOKING FOR. IT'S A WEIRD NCBI FORMAT."

>> YES, IT'S A B -- THAT SHOULD WORK AS LONG AS YOU ARE CHOOSING THE DATABASE THAT THE CITATIONS ARE COMING FROM FROM NLM PUBMED. HAVE YOU HAD A PROBLEM WITH IT ?

>> THIS IS MISSY. I DON'T SEE HER ANSWERING THE QUESTION. LET ME READ THE NEXT QUESTION . JEAN SAYS IT DOES NOT WORK.

>> EMAIL ME, JEAN, AND WE'LL FIGURE IT OUT. MISSY, NEXT QUESTION?

>> I'M SORRY. I THOUGHT I TURNED ON THE TALK AND I DIDN'T. ALL RIGHT. THE NEXT QUESTION, ANY CHANCE OF BRINGING BACK THE LINK TO SEARCH HISTORY ON TOP OF THE SEARCH -- OR EXCUSE ME -- ON TOP OF THE RESULTS PAGES? IT'S NOT JUST -- IT'S JUST NOT INTUITIVE FOR PATIENTS THAT YOU HAVE TO CLICK ADVANCED SEARCH. AND IS THERE ANY LIMIT ON THE NUMBER OF FILTERS THAT CAN BE ADDED TO AN NCBI PROFILE?

>> I THINK THAT'S A GREAT SUGGESTION. LET ME SHOW YOU THE WAY FOLKS CAN GET SUGGESTIONS TO NCBI. YOU CAN ALWAYS TELL US AT THE RML, HOWEVER WE'RE JUST ONE VOICE, SO IT'S VERY BENEFICIAL WHEN OUR MEMBERS LET THEM KNOW CHANGES THAT THEY WANT TO MAKE. LET ME SHOW YOU HOW TO DO THAT. SO IN PUBMED, THERE IS A LINK TO THE HELP DESK AT THE BOTTOM RIGHT-HAND SIDE OF ANY SEARCH -- ANY PUB MET PAGE. I STRONGLY ENCOURAGE FOLKS TO DO THAT AND TO SEND SUGGESTIONS TO NCBI. ALSO IS THERE A LIMIT TO THE NUMBER OF FILTERS? I THINK IF THERE IS, IT'S HIGH. I KNOW YOU CAN HAVE AT LEAST 30 FILTER S. I HAVEN'T TRIED MORE THAN THAT.

>> OKAY. NEXT QUESTION. HOW DOES PUBMED FILTER SYSTEMATIC REVIEWS NOW CONSIDERING IT'S TECHNICALLY NOT A FORMAT IN PUBMED?

>> THAT'S A GREAT QUESTION. IT'S NOT A PUBLICATION TYPE IN PUBMED. WHAT THEY DO IS THERE IS A SYSTEMATIC REVIEW SUBSET SEARCH THAT IS DONE WHEN YOU CLICK SYSTEMATIC REVIEWS. IT'S NOT A PUBLICATION TYPE, BUT IT'S A LONGSTANDING SEARCH FILTER THAT THEY'VE HAD THAT DOES A PREFORMULATED SEARCH WHEN YOU CLICK ON IT. IT HAS BEEN MOVED TO THE PUBLICATION TYPES JUST BECAUSE IT WAS REALLY HIDDEN IN THE LIMIT SUBSET.

>> NEXT QUESTION, SOME OF MY PATRONS HAVE SAID THAT THEY CANNOT ACCESS THE LINKS I SEND THEM TO A COLLECTION THAT I HAVE CREATED FOR THEM THAT IS SET AS PUBLIC. IS THIS REALLY JUST USER ERROR OR THEIR PARTS? THE LINK ALWAYS WORKS FOR ME.

>> IS THAT THEY CAN'T ACCESS THE FULL TEXT?

>> SHE SAYS NO, JUST THE LIST.

>> YEAH, THAT'S PROBABLY USER ERROR. KARLEN, LET ME PUT MY EMAIL ADDRESS BACK UP. WHY DON'T YOU SEND THE LINK TO ME AND SEE IF I CAN USE IT.

>> I SEE WE HAVE ANOTHER PERSON WHO HAS THE SAME COLLECTION PROBLEM. WELL, KATE -- I'M SORRY. LET ME MOVE ON TO THE NEXT QUESTION. THIS IS GREAT. YOU GUYS ARE ASKING LOTS OF GOOD QUESTIONS. THE NEXT QUESTION IS , CONSIDERING COLLECTION LINKS, IS THERE A WAY TO ADD MY LIBRARY'S PROXY SERVER URL SO PEOPLE CAN ACCESS OUR ONLINE COLLECTION AS WELL AS PMC?

>> THESE ARE ALL GOOD QUESTIONS ABOUT THE COLLECTION LINK. I'M GOING TO HAVE TO LOOK INTO IT. IT'S NOT A QUESTION THAT I KNOW, SO FOR THOSE FOLKS WHO ARE INTERESTED, SEND ME A REMINDER EMAIL AND I WILL EMAIL YOU ALL WHEN I FIND OUT THE ANSWER TO THAT QUESTION.

>> ALONG THOSE LINES, I'VE SEEN SOMEONE TYPE "I'VE HAD THE SAME PROBLEM WHEN SENDING AN EMAIL OF RESULTS THROUGH PUBMED. FULL TEXT LINKS DON'T SHOW IN THEIR RESULTS EVEN THOUGH THEY ARE ON OUR NETWORK." SOMEONE WAS ASKING IT COULD BE -- FINALLY RACHEL WAS SAYING IN HER LIBRARY, WE HAVE FOUND THAT IN ORDER TO GET TO THE FULL TEXT, THEY NEED TO HAVE A MY NCBI ACCOUNT.

>> I THINK ROCHELLE IS PROBABLY RIGHT ABOUT THAT. BUT AGAIN, IT'S NOT SOMETHING I KNOW OFFHAND, SO IF THIS IS A PROBLEM THAT FOLKS SPECIFICALLY ARE DEALING WITH, EMAIL ME AND THEN I'LL SEND A RESPONSE TO FOLKS WHO ARE INTERESTED ON THE ANSWER ONCE I FIND IT OUT.

>> ONE LAST QUESTION, LET'S SEE. WILL CLINICAL QUERIES EVER BE ACCESSIBLE FROM THE FILTERS? IT IS CUMBERSOME TO DEVELOP A SEARCH STRATEGY, AND THEN HAVE TO GO TO CLINICAL QUERIES TO PEACE IN THE SEARCH.

>> THAT'S A GREAT QUESTION, RHONDA. I THINK THERE IS A WAY TO PUT THE CLINICAL QUEERIES AS A SUBSET INTO YOUR SEARCH STRING, BUT SHOOT ME AN EMAIL AND I'LL FIND OUT AND EMAIL YOU BACK ABOUT THAT, ABOUT WHAT THE SPECIFIC FILTER -- WHAT THE SPECIFIC FILTER IS.

>> NEXT QUESTION, IS THERE A WAY TO SAVE THE HISTORY IN PUBMED ?

>> YOU MEAN THE ENTIRE HISTORY? I ACTUALLY DON'T THINK THERE'S A WAY TO DO THE ENTIRE HISTORY, NOT JUST INDIVIDUAL SEARCHES. THAT'S A GREAT THING TO CONTACT MY NCBI AS A SUGGESTION.

>> NEXT QUESTION, WHEN YOU PERFORM A SEARCH IN CLINICAL QUEERIES, I'VE SEEN RESULTS THAT ARE IN PROCESSED RECORDS LATELY, BUT I THOUGHT CLINICAL QUERIES RESULTS WERE LIMITED TO FULLY INDEXED RECORDS. MAYBE THAT'S CHANGED.

>> FOR THE MOST PART, SUE, IT HASN'T CHANGED . NCBI IS CURRENTLY EXPERIMENTING WITH COMPUTER-BASED INDEXING AS A FIRST PASS FOR SELECTED JOURNALS, SO OCCASIONALLY IN PROCESS

CITATIONS, WE'LL HAVE A FIRST PASS BY A COMPUTER, THE INDEX TERMS, SO THEY MAY END UP SHOWING UP IN CLINICAL QUEERIES EVEN THOUGH THEY HAVEN'T BEEN FULLY QUALITY CONTROLLED BY ONE OF THE NLM INDEXERS.

>> BACK TO AN EARLIER QUESTION, CHARLIE ADDED A COMMENT THAT COPY AND PASTE INTO WORD, THE LINKS WILL BE ACTIVE. THEN LET ME GO ON AND ASK THE NEXT QUESTION AS WELL. COULD YOU SUGGEST THAT WHEN A COMBINED SEARCH IS EXECUTED, THE SEARCH STRATEGY BOX SHOWS THE TERMS, NOT JUST THE SEARCH NUMBERS.

>> THAT'S A GREAT QUESTION OR COMMENT TO GIVE TO NCB I. I STRONGLY SUGGEST DOING THE "CONTACT THE HELP DESK" LINK.

>> OUR NEXT PERSON SAYS I DON'T SEE THE FAVORITES OPTION THAT YOU MENTIONED FROM THE HOME PAGE, AND I'M SIGNED IN TO MYNCBI.

>> IT ONLY SHOWS IN THE ABSTRACT VIEW .

>> ANY OTHER QUESTIONS? WHILE WE WAIT TO SEE IF THERE'S ANY OTHER QUESTIONS, LET ME JUST MENTION AS A REMINDER, IF YOU HAVE NOT DONE IT ALREADY, PLEASE TYPE IN THE CHAT BOX WHAT YOUR ZIP CODE IS SO WE CAN HAVE THAT FOR OUR RECORDS. AND ONE LAST CALL FOR QUESTIONS. CHARLIE IS ASKING A QUESTION ON VERSIONING. WHEN YOU PRINT THE RECORD, IS THE VERSIONS A PRINT FIELD?

>> THAT'S A REALLY GOOD QUESTION. LET'S SEE. OKAY. I'M LOOKING FOR -- HERE'S HERE'S AN ARTICLE. BY DISPLAY, BY ABSTRACT TEXT. IT WILL SAY WHICH VERSION IT IS, BUT IT WON'T SHOW THE OTHER VERSIONS. THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN

YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE ARE A COUPLE OF STATISTICS ABOUT PUBMED FOR THOSE OF YOU WHO ARE INTERESTED. PUBMED HAS ABOUT 22 MILLION CITATIONS, 90% OF THOSE ARE INDEXED FOR MEDLINE, AND ALMOST 5600 JOURNALS ARE CURRENTLY INDEXED FOR MEDLINE. IN A TYPICAL DAY, PUBMED IS USED IN 3.2 MILLION WEB SEARCHES, THAT'S 1.6 UNIQUE USERS, AND THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF, KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE ARE A COUPLE OF STATISTICS ABOUT PUBMED FOR THOSE OF YOU WHO ARE INTERESTED. PUBMED HAS ABOUT 22 MILLION CITATIONS, 90% OF THOSE ARE INDEXED FOR MEDLINE, AND ALMOST 5600 JOURNALS ARE CURRENTLY INDEXED FOR MEDLINE. IN A TYPICAL DAY, PUBMED IS USED IN 3.2 MILLION WEB SEARCHES, THAT'S 1.6 UNIQUE USERS, AND 3.8 MILLION SCRIPT SEARCHES THROUGH API AND OUTSIDE INTERFACES, AND THEN ABOUT 45,000 MOBILE SEARCHES. I'M SURE THE BIGGEST CHANGE THAT MOST OF YOU HAVE ALREADY NOTICED IS THE FILTERS. THESE HAVE REPLACED LIMITS, AND THEY NOW DISPLAY ON THE LEFT-HAND SIDE OF ANY PUBMED SEARCH. I'M GOING TO TAKE A MINUTE AND DEMONSTRATE THOSE. SO IF I DO A SEARCH IN PUBMED, THEN MY FILTERS WILL

SHOW UP. I CAN LIMIT BY DATE, BY HUMANS, BY DIFFERENT TYPES OF ARTICLE TYPES, AND YOU'LL NOTICE THAT SYSTEMATIC REVIEWS, ALTHOUGH NOT TECHNICALLY AN ARTICLE TYPE IN PUBMED, ARE NOW LISTED UNDER THE ARTICLE TYPE SO THAT THEY ARE MORE VISIBLE IN THE FILTERS. YOU CAN ALSO LIMIT BY ENGLISH. THESE ARE STICKY, LIKE THE LIMITS WERE, WHICH MEANS THEY WILL LAST FROM SEARCH TO SEARCH UNTIL YOU TURN THEM OFF . YOU CAN SHOW ADDITIONAL FILTERS BY CLICKING "SHOW ADDITIONAL FILTERS." YOU CAN SEE THAT YOU CAN ALSO FILTER BY SEX, BY SUBJECT, BY JOURNAL CATEGORIES, BY AGES, AND THESE SUBJECTS AND JOURNAL CATEGORIES ARE WHAT USED TO BE IN THE SUBSET SECTION OF THE LIMITS. LET ME SHOW YOU. SO YOU CAN SEE NOW THE JOURNAL CATEGORIES ARE LISTED HERE, AND SUBJECTS ARE LISTED HERE AND YOU CAN CLICK "MORE" TO SEE MORE. YOU'LL NOTICE THAT JUST CHECKING IN DOES NOT TURN THE LIMITS ON. YOU ACTUALLY THEN HAVE TO CLICK ON THE WORD -- THE PHRASE TO TURN THE LIMITS ON. SO I'M GOING TO LIMIT TO RANDOMIZED CONTROL TRIAL IN THE LAST FIVE YEARS AND ENGLISH. YOU CAN SEE AS I'M CHANGING THESE THAT THE SEARCH RESULTS CHANGE AS I CLICK EACH INDIVIDUAL FILTER . YOU CAN CLEAR FILTER CLICKING ON THE FILTER ITSELF, BY CLICKING CLEAR NEXT TO THE CATEGORY, OR BY CLICKING "CLEAR ALL." ANOTHER THING TO MENTION IS THAT LIKE LIMITS, CLICKING SOME FILTERS WILL LIMIT YOUR SEARCH TO INDEXED RESULTS. SO FOR EXAMPLE, PUBLICATION TYPES, AGE GROUP, SPECIES AND SEX WILL ALL RESTRICT YOUR SEARCH TO INDEXED RECORDS. ONLY THE FILTERS THAT ARE VALID FOR YOUR SEARCH RESULTS WILL APPEAR, SO FOR EXAMPLE, IF I DO A VERY SMALL SEARCH YOU WILL NOTICE THAT THE ARTICLE TYPES LIMIT TO JUST WHAT'S AVAILABLE. SO FOR EXAMPLE, THERE ARE NO RANDOMIZED CONTROL TRIALS ON HOMER SIMPSON, AND, THEREFORE, THEY WON'T SHOW UP AS ARTICLE TYPES. IF YOU WANTED TO SEE ADDITIONAL ARTICLE TYPES, YOU CAN CLICK "MORE ," HOWEVER, BECAUSE THEY DON'T SHOW HERE MEANS THAT THERE PROBABLY IS NOT A, FOR EXAMPLE, RANDOMIZED CONTROL TRIAL FOR THIS SEARCH. AND AGAIN, HERE ARE THE SUBJECTS AND THE JOURNAL CATEGORIES THAT HAVE BEEN BROKEN OUT FROM WHAT USED TO BE CALLED SUBSETS. OKAY. LET'S TALK ABOUT THE ADVANCED SEARCH. THE ADVANCED SEARCH CHANGED ABOUT A YEAR AGO . YOU CAN GET TO IT FROM ANY PUBMED SEARCHING, SEARCH BOX. YOU CAN SEE THAT HISTORY NOW SHOWS UP IN YOUR ADVANCED SEARCH LIKE THIS, AND THEN IN THE MIDDLE, YOU HAVE THE SEARCH BUILDER. YOU CAN BUILD YOUR SEARCH USING LOTS OF DIFFERENT SEARCH FIELDS. FOR EXAMPLE, YOU CAN DO AFFILIATION, YOU CAN DO AUTHOR NAME, DATE , YOU CAN SEARCH FOR WORDS IN THE JOURNAL, SPECIFIC JOURNALS, LANGUAGE, YOU CAN SEARCH BY MESH TERM, MAJOR TOPIC, MESH SUBHEADING, SO FOR EXAMPLE, IF I WANTED TO SEARCH FOR THE ADVERSE EFFECTS OF CERTAIN TREATMENTS, THEN I CAN ACTUALLY SEARCH BY ADVERSE EFFECTS. IF YOU WANT TO SEE ALL OF THE AVAILABLE TERMS, YOU CAN CLICK "SHOW INDEX LIST." THAT WILL GIVE YOU ALL OF THE AVAILABLE TERMS FOR SUBHEADING. THEN IF I WANTED TO HAVE THE MESH MAJOR TOPIC BE DIABETES, I CAN SEARCH THAT AND AGAIN, I CAN SHOW THE INDEX LIST FOR AVAILABLE MESH HEADINGS . IF I WANT TO JUST SEE HOW MANY SEARCH RESULTS I'LL GET, I CAN CLICK "ADD TO HISTORY," AND YOU CAN SEE THE NUMBER OF ITEMS FOUND. YOU CAN ADD SEARCH TERMS -- YOU CAN ADD SEARCHES TO YOUR SEARCH BUILDER, EITHER BY CLICKING ADD OR BY CLICKING SEARCH AND PUTTING BUILDER, YOU CAN SHOW THE SEARCH RESULTS, YOU CAN SHOW THE SEARCH DETAILS AND YOU CAN SAVE TO MY NCBI. AND AGAIN, THERE ARE SEVERAL DIFFERENT THINGS THAT YOU CAN USE IN YOUR SEARCH BUILDER. THERE'S A VERY NICE TUTORIAL FOR ADVANCED SEARCH BUILDER, A YOUTUBE TUTORIAL. IT'S ABOUT TWO MINUTES LONG, ON ADVANCED SEARCH BUILDER, AND IF YOU

WANT TO KNOW MORE ABOUT ADVANCED SEARCH AND HOW TO BUILD YOUR SEARCH, I HIGHLY RECOMMEND IT. FAVORITES IS A NEW DEFAULTS COLLECTION IN YOUR MYNCBI. WHEN YOU ARE IN THE ABSTRACT VIEW OF A SEARCH, THEN YOU WILL SEE THE OPTION ON THE RIGHT-HAND SIDE TO SAVE ITEM, AND THE DEFAULT IS FAVORITE, WHICH AGAIN YOU NOW HAVE A COLLECTION ON YOUR MY NCBI COUNT FOR FAVORITES, BUT ALL OF YOUR OTHER COLLECTIONS WILL ALSO SHOW BY CLICKING THE DOWN ARROW NEXT TO THE WORD "FAVORITE." YOU WILL ALSO HAVE THE OPTION TO CREATE A NEW COLLECTION. THERE'S NOW AN OPTION TO EXPORT TO CITATION MANAGER, AND THIS IS REALLY NICE BECAUSE WHEN I USED TO TEACH PUBMED AND REF WORKS, THEN YOU'D HAVE TO GO TO DISPLAY SETS, DISPLAY FOR MEDLINE, AND THEN SAVE AS A TEXT FILE. NOW YOU HAVE THE OPTION TO CHOOSE CITATION MANAGER. YOU'LL STILL GET A FILE THAT YOU WILL THEN HAVE TO UPLOAD INTO YOUR CITATION MANAGER, BUT IT'S MUCH MORE INTUITIVE THAN IT USED TO BE. YOU ALSO NOW HAVE THE OPTION TO CHANGE THE SUBJECT IN YOUR EMAIL SUBJECT LINE, SO RATHER THE DEFAULT SUBJECT, YOU CAN CHANGE THE SUBJECT. WHICH IS A NICE NEW FEATURE. IT'S ALWAYS GREAT WHEN YOU HAVE A PRESENTATION PLANNED AND ONE OF THE THINGS YOU WERE GOING TO DEMONSTRATE DOESN'T WORK ON THE MORNING THAT YOU WANT TO DEMONSTRATE IT. UNFORTUNATELY, THIS IS A FEATURE I JUST EMAILED NCBI THIS MORNING BECAUSE THE COMPUTED AUTHOR DISPLAY WASN'T WORKING THIS MORNING, BUT TRUST ME, ONCE IT WORKS, IT'S PRETTY COOL. WHEN YOU ARE IN THE ABSTRACT VIEW, YOU CAN CLICK ON AN AUTHOR'S NAME AND WHAT IT'S GOING TO DO IS USING AN ALGORITHM THAT COMPARES CITATIONS WITH THE SAME AUTHOR NAME AS WELL AS METADATA FOR CITATIONS SUCH AS CO-AUTHORS, JOURNAL, TITLE, AFFILIATION, ABSTRACT, MESH TERMS, GRANTS AND PUBLICATION DATES. THEN THE CITATIONS THAT SHARE LIKE AUTHOR NAMES ARE DIVIDED INTO DIFFERENT GROUPS BY CLUSTERING THE CITATIONS THAT ARE HIGHLY SIMILAR TO EACH OTHER. SO WHAT YOU HOPE IT SEE IS THAT YOU WILL NOW GET SORTED BY A COMPUTER AUTHOR SORT OF BY COMPUTED AUTHOR, AND THEN THE ARTICLES THAT ARE MOST LIKELY TO BE BY THAT PARTICULAR AUTHOR RATHER THAN ANOTHER JEANNIE CABARINI WILL SHOW UP FIRST IN YOUR RESULTS. VERSIONING IS SOMETHING THAT'S VERY NEW. CURRENTLY ONLY ONE PUBLICATION IS SUBMITTING VERSIONS TO PUBMED, AND THAT IS THE PUBLIC LIBRARY OF SCIENCE CURRENTS. WHAT THEY'RE DOING NOW AND WHAT I ASSUME OTHER JOURNALS WILL DO IN THE FUTURE IS THEY LET NCBI PUBMED KNOW WHEN THEY HAVE A NEW VERSION OF AN ARTICLE, AND THEN ONLY THE CURRENT VERSION SHOWS UP IN SEARCH RESULTS. ALL VERSIONS SHARE THE SAME PMID NUMBER, BUT THEY HAVE A POINT FOLLOWED BY THE NUMBER VERSION IF YOU WANT IT TO LOOK FOR A PARTICULAR VERSION. SO FOR EXAMPLE, THE EARLIEST VERSION WOULD BE .1 FOLLOWED BY THE SECOND VERSION, .2 AND SO ON. THIS IS WHAT THE AB ABSTRACT VIEW LOOKS LIKE IN A VERSIONED ARTICLE. YOU CAN SEE THAT ALL THE VERSIONS HAVE THE SAME PMID NUMBER. AND YOU WILL HAVE AN OPTION TO CLICK OTHER VERSIONS. HOWEVER, ONLY THE MOST RECENT VERSION WILL SHOW UP IN SEARCH RESULTS. YOU MAY HAVE NOTICE ED THAT THE DEFAULT FILTER S HAVE NOW -- FROM THE RIGHT-HAND SIDE BECAUSE ALL THE FILTERS ARE NOW ON THE LEFT-HAND SIDE. IN THE FUTURE, THE MY NCBI FILTERS WILL ALSO GO ON THE LEFT-HAND SIDE. RIGHT NOW THEY'RE GOING TO SHOW UP ON THE RIGHT-HAND SIDE AS THEY ALWAYS HAVE. IF YOU'RE NOT IN MY NCBI, WHAT WILL HAPPEN ON THE RIGHT-HAND SIDE IS THAT YOU WILL GET RESULTS BY YEAR AND PMC IMAGES SEARCH. THE RESULTS BY YEAR TIMELINE TOOL WILL DISPLAY FOR SEARCH RESULTS WITH 10,000 OR MORE CITATIONS, AND YOU CAN MOUSE OVER THE BARS IN THE TIMELINE TO DISPLAY THE NUMBER OF

CITATIONS FOR EACH YEAR AND CLICK ON INDIVIDUAL BARS IN THE TIMELINE TO DISPLAY RESULTS FOR A SINGLE YEAR. THE IMAGES RESULTS WILL DISPLAY IF THERE ARE FOUR MORE IMAGES IN PMC, OR PUBMED CENTRAL. YOU CAN SEE THIS IS A SEARCH FOR H1N1, AND YOU CAN SEE IN THE FAR RIGHT THAT THE RESULTS BY YEAR CLEARLY SHOW THAT THIS WAS A NEW CONCEPT OR A INCREASINGLY DISCUSSED CONCEPT AND THEN FELL DOWN A BIT. YOU CAN ALSO SEE THE PMC EMANLS SEARCH. THIS IS THE CLOSER VIEW. THIS IS A SEARCH FOR MEDICAL TOURISM. MEDICAL TOURISM WOULD NOT SHOW UP WITH A TIMELINE VIEW, OR THE RESULTS BY YEAR VIEW, BECAUSE THERE AREN'T 10,000 CITATIONS FOR MEDICAL TOURISM. HOWEVER, THERE ARE FOUR OR MORE IMAGES IN PUBMED CENTRAL OR PMC. IF YOU HOVER OVER THESE IMAGES , THEY WILL DISPLAY LARGER ON YOUR SCREEN. ANOTHER NEW RESOURCE OR NEW FEATURE IS THAT PUBMED RESULTS IN THE NLM SITE SEARCH. SO HERE'S THE NLM HOME PAGE. AND IF I SEARCH IN THE SEARCH BOX UP HERE, ON THE RIGHT-HAND SIDE , YOU WILL SEE THAT THE SEARCHES ARE BROKEN DOWN TO NLM SELECTED RESOURCES, MEDLINEPLUS HEALTH INFORMATION AND PUBMED CITATIONS. AND THEN FROM HERE, YOU CAN SEE MORE ARTICLES IN PUBMED. I THINK THIS IS A REALLY NICE FEATURE. IF YOU ARE PROMOTING ALL THE RESOURCES OF NLM TO FOLKS, THEN THEY CAN START THEIR SEARCH AT THE NLM HOME PAGE AND HAVE DIFFERENT RESOURCES BASED ON THE LEVEL OF INFORMATION THAT THEY'RE LOOKING FOR. IF YOU WANT TO KEEP UP WITH PUBMED, I HIGHLY RECOMMEND THE NLM TECHNICAL BULLETIN, AS WELL AS MUST BE PED TUTORIALS. I WILL COPY THESE LINKS AND PUT THEM IN THE CHAT BOX. THESE ARE THE PUBMED TUTORIALS. THEY UPDATE VERY REGULARLY. FOR EXAMPLE, THE FILTER SES S CAME UP IN MAY AND AS SOON AS THEY WERE ANNOUNCED, THERE WAS A QUICK TOUR TUTORIAL FOR THEM. THERE'S ALSO A LARGER PUBMED TUTORIAL. AS WELL AS THE PUBMED UPDATE FROM THE MLA ANNUAL MEETING , FREQUENTLY AVAILABLE TO USE AND TO MODIFY. YOU CAN ALSO TAKE COURSES, I TEACH PUBMED COURSES AROUND THE REGION. I ALSO HAVE AN ONLINE CLASS CALLED "MAKING PUBMED WORK FOR YOU" THAT IS CURRENTLY -- THAT WILL START THIS COMING MONDAY, IF YOU'D LIKE TO REGISTER FOR THAT, YOU CAN GO TO OUR NLM MAR HOME PAGE. THIS IS THE NLM TECHNICAL BULLETIN. I HIGHLY RECOMMEND HAVING EITHER AN RSS OR EMAIL SUBSCRIPTION TO THE NLM TECHNICAL BULLETIN. IT GIVES GREAT INFORMATION AND THIS IS THE PLACE THAT YOU'RE GOING TO GET FIRST NOTICE OF CHANGES IN PUBMED AS WELL AS ALL NLM PRODUCTS. THANK YOU VERY MUCH. YOU CAN CONTACT ME AT ANY TIME, AND WE'LL TAKE QUESTIONS. YOU CAN PUT THEM IN YOUR CHAT BOX AND MISSY WILL READ THEM.

>> HI, EVERYONE. THIS IS MISSY. I JUST WANT TO MAKE SURE HOPEFULLY YOU CAN ALL HEAR ME AGAIN. BEFORE WE TAKE QUESTIONS, LET ME JUST SAY TWO LITTLE THINGS.

FIRST OF ALL, I AM ABSOLUTELY AMAZED WE HAVE OVER A HUNDRED ATTENDEES IN OUR SESSION TODAY. THIS IS FANTASTIC, ESPECIALLY IN LIGHT OF OUR AUDIO CHALLENGES. SECONDLY, I WANT TO ASK, BEFORE WE TAKE QUESTIONS, WOULD EVERY ONE PLEASE MAKE SURE TO TYPE IN THE CHAT BOX CODE, BECAUSE WE DO NEED TO RECORD FOR OUR STATISTICS WHERE EVERYONE WAS CONNECTING FROM. WE DO APPRECIATE EVERYBODY'S PATIENCE TODAY, SO PLEASE, YES, IF PEOPLE HAVE ANY QUESTIONS, PLEASE TYPE IN THE CHAT BOX . "CAN YOU EXPLAIN WHAT FLEXIBLE IS VERSUS FULL TEXT AVAILABLE?"

>> FULL TEXT AVAILABLE MEANS THAT THERE IS A LINK TO LIBRARY OR TO A PUBLISHER'S LINK THAT DOESN'T MEAN THAT IT'S FREE, THAT MEANS THAT THERE WILL BE A LINK IN THE RECORD TO GET THE FULL TEXT SOME WAY. FREE FULL TEXT MEANS THAT THERE IS TRULY A FREE LINK .

>> THE NEXT QUESTION WE HAVE IS, DO YOU KNOW WHAT NLM IS DOING FOR AUTHOR AUTHORITY CONTROL BESIDES THE COMPUTER AUTHOR -- COMPUTED AUTHOR FEATURE?

>> I KNOW THEY CONTINUE TO DO RESEARCH INTO THIS. ONE OF THE THINGS THAT THEY'RE DOING IS YOU CAN NOW PUT THE AUTHOR'S FULL NAME INTO THE CITATION AND THAT HELPS. RIGHT NOW I DON'T KNOW ANYTHING OTHER THAN THAT. THAT'S COMING DOWN THE PIKE FOR AUTHOR AUTHORITY CONTROL. SOMEBODY ELSE MAY BUT THAT'S ALL I KNOW THEY'RE DOING SPECIFICALLY.

>> THE NEXT IS, "I HAVE TRIED THE CITATION MANAGER, BUT IT DOES NOT COME IN A TXT-TEXT FORMAT, WHICH IS WHAT REF WORKS IS LOOKING FOR. IT'S A WEIRD NCBI FORMAT."

>> YES, IT'S A B -- THAT SHOULD WORK AS LONG AS YOU ARE CHOOSING THE DATABASE THAT THE CITATIONS ARE COMING FROM FROM NLM PUBMED. HAVE YOU HAD A PROBLEM WITH IT ?

>> THIS IS MISSY. I DON'T SEE HER ANSWERING THE QUESTION. LET ME READ THE NEXT QUESTION . JEAN SAYS IT DOES NOT WORK.

>> EMAIL ME, JEAN, AND WE'LL FIGURE IT OUT. MISSY, NEXT QUESTION?

>> I'M SORRY. I THOUGHT I TURNED ON THE TALK AND I DIDN'T. ALL RIGHT. THE NEXT QUESTION, ANY CHANCE OF BRINGING BACK THE LINK TO SEARCH HISTORY ON TOP OF THE SEARCH -- OR EXCUSE ME -- ON TOP OF THE RESULTS PAGES? IT'S NOT JUST -- IT'S JUST NOT INTUITIVE FOR PATIENTS THAT YOU HAVE TO CLICK ADVANCED SEARCH. AND IS THERE ANY LIMIT ON THE NUMBER OF FILTERS THAT CAN BE ADDED TO AN NCBI PROFILE?

>> I THINK THAT'S A GREAT SUGGESTION. LET ME SHOW YOU THE WAY FOLKS CAN GET SUGGESTIONS TO NCBI. YOU CAN ALWAYS TELL US AT THE RML, HOWEVER WE'RE JUST ONE VOICE, SO IT'S VERY BENEFICIAL WHEN OUR MEMBERS LET THEM KNOW CHANGES THAT THEY WANT TO MAKE. LET ME SHOW YOU HOW TO DO THAT. SO IN PUBMED, THERE IS A LINK TO THE HELP DESK AT THE BOTTOM RIGHT-HAND SIDE OF ANY SEARCH -- ANY PUB MET PAGE. I STRONGLY ENCOURAGE FOLKS TO DO THAT AND TO SEND SUGGESTIONS TO NCBI. ALSO IS THERE A LIMIT TO THE NUMBER OF FILTERS? I THINK IF THERE IS, IT'S HIGH. I KNOW YOU CAN HAVE AT LEAST 30 FILTER S. I HAVEN'T TRIED MORE THAN THAT.

>> OKAY. NEXT QUESTION. HOW DOES PUBMED FILTER SYSTEMATIC REVIEWS NOW CONSIDERING IT'S TECHNICALLY NOT A FORMAT IN PUBMED?

>> THAT'S A GREAT QUESTION. IT'S NOT A PUBLICATION TYPE IN PUBMED. WHAT THEY DO IS THERE IS A SYSTEMATIC REVIEW SUBSET SEARCH THAT IS DONE WHEN YOU CLICK SYSTEMATIC REVIEWS. IT'S NOT A PUBLICATION TYPE, BUT IT'S A LONGSTANDING SEARCH FILTER THAT THEY'VE HAD THAT DOES A PREFORMULATED SEARCH WHEN YOU CLICK ON IT. IT HAS BEEN MOVED TO THE PUBLICATION TYPES JUST BECAUSE IT WAS REALLY HIDDEN IN THE LIMIT SUBSET.

>> NEXT QUESTION, SOME OF MY PATRONS HAVE SAID THAT THEY CANNOT ACCESS THE LINKS I SEND THEM TO A COLLECTION THAT I HAVE CREATED FOR THEM THAT IS SET AS PUBLIC. IS THIS REALLY JUST USER ERROR OR THEIR PARTS? THE LINK ALWAYS WORKS FOR ME.

>> IS THAT THEY CAN'T ACCESS THE FULL TEXT?

>> SHE SAYS NO, JUST THE LIST.

>> YEAH, THAT'S PROBABLY USER ERROR. KARLEN, LET ME PUT MY EMAIL ADDRESS BACK UP. WHY DON'T YOU SEND THE LINK TO ME AND SEE IF I CAN USE IT.

>> I SEE WE HAVE ANOTHER PERSON WHO HAS THE SAME COLLECTION PROBLEM. WELL, KATE -- I'M SORRY. LET ME MOVE ON TO THE NEXT QUESTION. THIS IS GREAT. YOU GUYS ARE ASKING LOTS OF GOOD QUESTIONS. THE NEXT QUESTION IS , CONSIDERING COLLECTION LINKS, IS THERE A WAY TO ADD MY LIBRARY'S PROXY SERVER URL SO PEOPLE CAN ACCESS OUR ONLINE COLLECTION AS WELL AS PMC?

>> THESE ARE ALL GOOD QUESTIONS ABOUT THE COLLECTION LINK. I'M GOING TO HAVE TO LOOK INTO IT. IT'S NOT A QUESTION THAT I KNOW, SO FOR THOSE FOLKS WHO ARE INTERESTED, SEND ME A REMINDER EMAIL AND I WILL EMAIL YOU ALL WHEN I FIND OUT THE ANSWER TO THAT QUESTION.

>> ALONG THOSE LINES, I'VE SEEN SOMEONE TYPE "I'VE HAD THE SAME PROBLEM WHEN SENDING AN EMAIL OF RESULTS THROUGH PUBMED. FULL TEXT LINKS DON'T SHOW IN THEIR RESULTS EVEN THOUGH THEY ARE ON OUR NETWORK." SOMEONE WAS ASKING IT COULD BE -- FINALLY RACHEL WAS SAYING IN HER LIBRARY, WE HAVE FOUND THAT IN ORDER TO GET TO THE FULL TEXT, THEY NEED TO HAVE A MY NCBI ACCOUNT.

>> I THINK ROCHELLE IS PROBABLY RIGHT ABOUT THAT. BUT AGAIN, IT'S NOT SOMETHING I KNOW OFFHAND, SO IF THIS IS A PROBLEM THAT FOLKS SPECIFICALLY ARE DEALING WITH, EMAIL ME AND THEN I'LL SEND A RESPONSE TO FOLKS WHO ARE INTERESTED ON THE ANSWER ONCE I FIND IT OUT.

>> ONE LAST QUESTION, LET'S SEE. WILL CLINICAL QUERIES EVER BE ACCESSIBLE FROM THE FILTERS? IT IS CUMBERSOME TO DEVELOP A SEARCH STRATEGY, AND THEN HAVE TO GO TO CLINICAL QUERIES TO PEACE IN THE SEARCH.

>> THAT'S A GREAT QUESTION, RHONDA. I THINK THERE IS A WAY TO PUT THE CLINICAL QUEERIES AS A SUBSET INTO YOUR SEARCH STRING, BUT SHOOT ME AN EMAIL AND I'LL FIND OUT AND EMAIL YOU BACK ABOUT THAT, ABOUT WHAT THE SPECIFIC FILTER -- WHAT THE SPECIFIC FILTER IS.

>> NEXT QUESTION, IS THERE A WAY TO SAVE THE HISTORY IN PUBMED ?

>> YOU MEAN THE ENTIRE HISTORY? I ACTUALLY DON'T THINK THERE'S A WAY TO DO THE ENTIRE HISTORY, NOT JUST INDIVIDUAL SEARCHES. THAT'S A GREAT THING TO CONTACT MY NCBI AS A SUGGESTION.

>> NEXT QUESTION, WHEN YOU PERFORM A SEARCH IN CLINICAL QUEERIES, I'VE SEEN RESULTS THAT ARE IN PROCESSED RECORDS LATELY, BUT I THOUGHT CLINICAL QUERIES RESULTS WERE LIMITED TO FULLY INDEXED RECORDS. MAYBE THAT'S CHANGED.

>> FOR THE MOST PART, SUE, IT HASN'T CHANGED . NCBI IS CURRENTLY EXPERIMENTING WITH COMPUTER-BASED INDEXING AS A FIRST PASS FOR SELECTED JOURNALS, SO OCCASIONALLY IN PROCESS CITATIONS, WE'LL HAVE A FIRST PASS BY A COMPUTER, THE INDEX TERMS, SO THEY MAY END UP SHOWING UP IN CLINICAL QUEERIES EVEN THOUGH THEY HAVEN'T BEEN FULLY QUALITY CONTROLLED BY ONE OF THE NLM INDEXERS.

>> BACK TO AN EARLIER QUESTION, CHARLIE ADDED A COMMENT THAT COPY AND PASTE INTO WORD, THE LINKS WILL BE ACTIVE. THEN LET ME GO ON AND ASK THE NEXT QUESTION AS WELL. COULD YOU SUGGEST THAT WHEN A COMBINED SEARCH IS EXECUTED, THE SEARCH STRATEGY BOX SHOWS THE TERMS, NOT JUST THE SEARCH NUMBERS.

>> THAT'S A GREAT QUESTION OR COMMENT TO GIVE TO NCB I. I STRONGLY SUGGEST DOING THE "CONTACT THE HELP DESK" LINK.

>> OUR NEXT PERSON SAYS I DON'T SEE THE FAVORITES OPTION THAT YOU MENTIONED FROM THE HOME PAGE, AND I'M SIGNED IN TO MYNCBI.

>> IT ONLY SHOWS IN THE ABSTRACT VIEW .

>> ANY OTHER QUESTIONS? WHILE WE WAIT TO SEE IF THERE'S ANY OTHER QUESTIONS, LET ME JUST MENTION AS A REMINDER, IF YOU HAVE NOT DONE IT ALREADY, PLEASE TYPE IN THE CHAT BOX WHAT YOUR ZIP CODE IS SO WE CAN HAVE THAT FOR OUR RECORDS. AND ONE LAST CALL FOR QUESTIONS. CHARLIE IS ASKING A QUESTION ON VERSIONING. WHEN YOU PRINT THE RECORD, IS THE VERSIONS A PRINT FIELD?

>> THAT'S A REALLY GOOD QUESTION. LET'S SEE. OKAY. I'M LOOKING FOR -- HERE'S HERE'S AN ARTICLE. BY DISPLAY, BY ABSTRACT TEXT. IT WILL SAY WHICH VERSION IT IS, BUT IT WON'T SHOW THE OTHER VERSIONS. WHILE WE'RE STILL ON THIS TOPIC BEFORE WE MOVE TO THE NEXT QUESTION, MELISSA ASKED FOR VERSIONING, ALSO WONDERING WHERE IT WOULD BE INCLUDED FOR EXPORTING TO REFWORKS.

>> LET ME PUT IT IN THE MEDLINE FORMAT TO SEE. I DON'T SEE ANY MENTION OF THE VERSIONING. IN THE MEDLINE, UNLESS SOMEBODY'S SEEN SOMETHING THAT I'M MISSING. THAT'S A GOOD SUGGESTION TO SEND TO NCBI. THIS IS VERY NEW, LIKE I SAID, ONLY ONE JOURNAL IS CURRENTLY USING VERSIONING, SO I KNOW IF THERE'S THINGS THAT ARE MISSING, TO PLEASE LET NCBI KNOW AND I WILL AS WELL, THAT'S REALLY IMPORTANT.

>> ANOTHER QUESTION WE HAVE, CAN YOU TALK ABOUT HOW PUBMED DEFINES REVIEWS?

>> YES, IT IS VERY BROAD. FOR REVIEWS, AS -- FOR REVIEW AS A PUBLICATION TYPE, IT'S BASICALLY -- ALL IT TAKES IS FOR THE -- IS FOR THE JOURNAL TO SAY THAT IT'S A REVIEW ARTICLE OR FOR THE INDEXER TO DETERMINE THAT IT IS A REVIEW ARTICLE.

>> ONE PERSON SAYS, CAN YOU GIVE US THE PMID NUMBER FOR AN ARTICLE WITH VERSIONING? AND ANOTHER PERSON, ESPECIALLY WHEN DOING EXCLUSION/INCLUSION FOR SYSTEMATIC REVIEWS AND SO ON, RELATED TO THE EARLIER ISSUE, ONE PERSON SAYS DOES PUBMED INDEX DLI NUMBERS?

>> DO YOU MEAN ARE THEY IN THE RECORD?

>> YES, IN RECORDS.

>> YES.

>> JEAN DOES POINT OUT, YOU HAVE TO LOOK AT THE MEDLINE VERSION. JENNY CLARIFIES, CAN I SEARCH BY DOI?

>> I DON'T KNOW, I'VE NEVER TRIED. HAS ANYBODY ELSE TRIED TO DO THAT?

>> JEAN SAYS THERE ARE SOI RESOLVERS. THE AID FIELD IS WHERE THE DOI IS LOCATED.

>> THAT'S RIGHT, THE HIGHLIGHTED ON MY SCREEN, LET'S TRY TO SEARCH BY IT. YEAH, LOOKS LIKE IT. LOOKS LIKE THE DOI, YOU CAN SEARCH BY AN INDIVIDUAL DOI.

>> WE HAVE ONE MORE QUESTION BEFORE I READ THE QUESTION, LET ME JUST ANSWER SOMETHING THAT BARBARA WAS ASKING, WHEN WILL THIS PRESENTATION BE ABLE TO REVIEW, WILL CAPTIONS BE AVAILABLE AND WILL PHOTOS BE ENLARGED BECAUSE SHE WASN'T ABLE TO GET FULL SCREEN TO WORK. WE ALWAYS POST THE PRESENTATION, I THINK I USUALLY HAVE TO WAIT AN HOUR OR TWO MORE THE RECORDING TO BE COMPLETED. THAT'S NOT CONTROLLED BY ME, IT'S BY ADOBE. ADOBE. THANK YOU FOR PUTTING UP THE URL. I WILL BE POSTING THE RECORDING FOR TODAY'S SESSION AND YOU'LL BE ABLE TO ALSO ACCESS THE CAPTIONS AS WELL. WE HAVE ANOTHER QUESTION. MAYBE I MISSED IT. IS THERE A WAY TO HAVE ALL THE FILTERS, THAT IS, LIMITS, PERMANENTLY DISPLAY ALL LIMITS?

>> CURRENTLY NOT NOW. HOWEVER, THE NEXT STEP IN THESE FILTERS IS TO INCORPORATE THE MY NCBI FILTERS, YOUR OWN PERSONALIZED FILTERS INTO THESE FILTERS, AND THAT WILL BE AN THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE

UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF, KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE ARE A COUPLE OF STATISTICS ABOUT PUBMED FOR THOSE OF YOU WHO ARE INTERESTED. PUBMED HAS ABOUT 22 MILLION CITATIONS, 90% OF THOSE ARE INDEXED FOR MEDLINE, AND ALMOST 5600 JOURNALS ARE CURRENTLY INDEXED FOR MEDLINE. IN A TYPICAL DAY, PUBMED IS USED IN 3.2 MILLION WEB SEARCHES, THAT'S 1.6 UNIQUE USERS, AND 3.8 MILLION SCRIPT SEARCHES THROUGH API AND OUTSIDE INTERFACES, AND THEN ABOUT 45,000 MOBILE SEARCHES. I'M SURE THE BIGGEST CHANGE THAT MOST OF YOU HAVE ALREADY NOTICED IS THE FILTERS. THESE HAVE REPLACED LIMITS, AND THEY NOW DISPLAY ON THE LEFT-HAND SIDE OF ANY PUBMED SEARCH. I'M GOING TO TAKE A MINUTE AND DEMONSTRATE THOSE. SO IF I DO A SEARCH IN PUBMED, THEN MY FILTERS WILL SHOW UP. I CAN LIMIT BY DATE, BY HUMANS, BY DIFFERENT TYPES OF ARTICLE TYPES, AND YOU'LL NOTICE THAT SYSTEMATIC REVIEWS, ALTHOUGH NOT TECHNICALLY AN ARTICLE TYPE IN PUBMED, ARE NOW LISTED UNDER THE ARTICLE TYPE SO THAT THEY ARE MORE VISIBLE IN THE FILTERS. YOU CAN ALSO LIMIT BY ENGLISH. THESE ARE STICKY, LIKE THE LIMITS WERE, WHICH MEANS THEY WILL LAST FROM SEARCH TO SEARCH UNTIL YOU TURN THEM OFF. YOU CAN SHOW ADDITIONAL FILTERS BY CLICKING "SHOW ADDITIONAL FILTERS." YOU CAN SEE THAT YOU CAN ALSO FILTER BY SEX, BY SUBJECT, BY JOURNAL CATEGORIES, BY AGES, AND THESE SUBJECTS AND JOURNAL CATEGORIES ARE WHAT USED TO BE IN THE SUBSET SECTION OF THE LIMITS. LET ME SHOW YOU. SO YOU CAN SEE NOW THE JOURNAL CATEGORIES ARE LISTED HERE, AND SUBJECTS ARE LISTED HERE AND YOU CAN CLICK "MORE" TO SEE MORE. YOU'LL NOTICE THAT JUST CHECKING IN DOES NOT TURN THE LIMITS ON. YOU ACTUALLY THEN HAVE TO CLICK ON THE WORD -- THE PHRASE TO TURN THE LIMITS ON. SO I'M GOING TO LIMIT TO RANDOMIZED CONTROL TRIAL THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME

TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF, KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

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WILL LIMIT YOUR SEARCH TO INDEXED RESULTS. SO FOR EXAMPLE, PUBLICATION TYPES, AGE GROUP, SPECIES AND SEX WILL ALL RESTRICT YOUR SEARCH TO INDEXED RECORDS. ONLY THE FILTERS THAT ARE VALID FOR YOUR SEARCH RESULTS WILL APPEAR, SO FOR EXAMPLE, IF I DO A VERY SMALL SEARCH YOU WILL NOTICE THAT THE ARTICLE TYPES LIMIT TO JUST WHAT'S AVAILABLE. SO FOR EXAMPLE, THERE ARE NO RANDOMIZED CONTROL TRIALS ON HOMER SIMPSON, AND, THEREFORE, THEY WON'T SHOW UP AS ARTICLE TYPES. IF YOU WANTED TO SEE ADDITIONAL ARTICLE TYPES, YOU CAN CLICK "MORE ," HOWEVER, BECAUSE THEY DON'T SHOW HERE MEANS THAT THERE PROBABLY IS NOT A, FOR EXAMPLE, RANDOMIZED CONTROL TRIAL FOR THIS SEARCH. AND AGAIN, HERE ARE THE SUBJECTS AND THE JOURNAL CATEGORIES THAT HAVE BEEN BROKEN OUT FROM WHAT USED TO BE CALLED SUBSETS. OKAY. LET'S TALK ABOUT THE ADVANCED SEARCH. THE ADVANCED SEARCH CHANGED ABOUT A YEAR AGO . YOU CAN GET TO IT FROM ANY PUBMED SEARCHING, SEARCH BOX. YOU CAN SEE THAT HISTORY NOW SHOWS UP IN YOUR ADVANCED SEARCH LIKE THIS, AND THEN IN THE MIDDLE, YOU HAVE THE SEARCH BUILDER. YOU CAN BUILD YOUR SEARCH USING LOTS OF DIFFERENT SEARCH FIELDS. FOR EXAMPLE, YOU CAN DO AFFILIATION, YOU CAN DO AUTHOR NAME, DATE , YOU CAN SEARCH FOR WORDS IN THE JOURNAL, SPECIFIC JOURNALS, LANGUAGE, YOU CAN SEARCH BY MESH TERM, MAJOR TOPIC, MESH SUBHEADING, SO FOR EXAMPLE, IF I WANTED TO SEARCH FOR THE ADVERSE EFFECTS OF CERTAIN TREATMENTS, THEN I CAN ACTUALLY SEARCH BY ADVERSE EFFECTS. IF YOU WANT TO SEE ALL OF THE AVAILABLE TERMS, YOU CAN CLICK "SHOW INDEX LIST." THAT WILL GIVE YOU ALL OF THE AVAILABLE TERMS FOR SUBHEADING. THEN IF I WANTED TO HAVE THE MESH MAJOR TOPIC BE DIABETES, I CAN SEARCH THAT AND AGAIN, I CAN SHOW THE INDEX LIST FOR AVAILABLE MESH HEADINGS . IF I WANT TO JUST SEE HOW MANY SEARCH RESULTS I'LL GET, I CAN CLICK "ADD TO HISTORY," AND YOU CAN SEE THE NUMBER OF ITEMS FOUND. YOU CAN ADD SEARCH TERMS -- YOU CAN ADD SEARCHES TO YOUR SEARCH BUILDER, EITHER BY CLICKING ADD OR BY CLICKING SEARCH AND PUTTING BUILDER, YOU CAN SHOW THE SEARCH RESULTS, YOU CAN SHOW THE SEARCH DETAILS AND YOU CAN SAVE TO MY NCBI. AND AGAIN, THERE ARE SEVERAL DIFFERENT THINGS THAT YOU CAN USE IN YOUR SEARCH BUILDER. THERE'S A VERY NICE TUTORIAL FOR ADVANCED SEARCH BUILDER, A YOUTUBE TUTORIAL. IT'S ABOUT TWO MINUTES LONG, ON ADVANCED SEARCH BUILDER, AND IF YOU WANT TO KNOW MORE ABOUT ADVANCED SEARCH AND HOW TO BUILD YOUR SEARCH, I HIGHLY RECOMMEND IT. FAVORITES IS A NEW DEFAULTS COLLECTION IN YOUR MYNCBI. WHEN YOU ARE IN THE ABSTRACT VIEW OF A SEARCH, THEN YOU WILL SEE THE OPTION ON THE RIGHT-HAND SIDE TO SAVE ITEM, AND THE DEFAULT IS FAVORITE, WHICH AGAIN YOU NOW HAVE A COLLECTION ON YOUR MY NCBI COUNT FOR FAVORITES, BUT ALL OF YOUR OTHER COLLECTIONS WILL ALSO SHOW BY CLICKING THE DOWN ARROW NEXT TO THE WORD "FAVORITE." YOU WILL ALSO HAVE THE OPTION TO CREATE A NEW COLLECTION. THERE'S NOW AN OPTION TO EXPORT TO CITATION MANAGER, AND THIS IS REALLY NICE BECAUSE WHEN I USED TO TEACH PUBMED AND REF WORKS, THEN YOU'D HAVE TO GO TO DISPLAY SETS, DISPLAY FOR MEDLINE, AND THEN SAVE AS A TEXT FILE. NOW YOU HAVE THE OPTION TO CHOOSE CITATION MANAGER. YOU'LL STILL GET A FILE THAT YOU WILL THEN HAVE TO UPLOAD INTO YOUR CITATION MANAGER, BUT IT'S MUCH MORE INTUITIVE THAN IT USED TO BE. YOU ALSO NOW HAVE THE OPTION TO CHANGE THE SUBJECT IN YOUR EMAIL SUBJECT LINE, SO RATHER THE DEFAULT SUBJECT, YOU CAN CHANGE THE SUBJECT. WHICH IS A NICE NEW FEATURE. IT'S ALWAYS GREAT WHEN YOU HAVE A PRESENTATION PLANNED AND ONE OF THE THINGS YOU WERE GOING TO DEMONSTRATE DOESN'T WORK ON THE MORNING THAT YOU WANT TO DEMONSTRATE IT.

UNFORTUNATELY, THIS IS A FEATURE I JUST EMAILED NCBI THIS MORNING BECAUSE THE COMPUTED AUTHOR DISPLAY WASN'T WORKING THIS MORNING, BUT TRUST ME, ONCE IT WORKS, IT'S PRETTY COOL. WHEN YOU ARE IN THE ABSTRACT VIEW, YOU CAN CLICK ON AN AUTHOR'S NAME AND WHAT IT'S GOING TO DO IS USING AN ALGORITHM THAT COMPARES CITATIONS WITH THE SAME AUTHOR NAME AS WELL AS METADATA FOR CITATIONS SUCH AS CO-AUTHORS, JOURNAL, TITLE, AFFILIATION, ABSTRACT, MESH TERMS, GRANTS AND PUBLICATION DATES. THEN THE CITATIONS THAT SHARE LIKE AUTHOR NAMES ARE DIVIDED INTO DIFFERENT GROUPS BY CLUSTERING THE CITATIONS THAT ARE HIGHLY SIMILAR TO EACH OTHER. SO WHAT YOU HOPE IT SEE IS THAT YOU WILL NOW GET SORTED BY A COMPUTER AUTHOR SORT OF BY COMPUTED AUTHOR, AND THEN THE ARTICLES THAT ARE MOST LIKELY TO BE BY THAT PARTICULAR AUTHOR RATHER THAN ANOTHER JEANNIE CABARINI WILL SHOW UP FIRST IN YOUR RESULTS. VERSIONING IS SOMETHING THAT'S VERY NEW. CURRENTLY ONLY ONE PUBLICATION IS SUBMITTING VERSIONS TO PUBMED, AND THAT IS THE PUBLIC LIBRARY OF SCIENCE CURRENTS. WHAT THEY'RE DOING NOW AND WHAT I ASSUME OTHER JOURNALS WILL DO IN THE FUTURE IS THEY LET NCBI PUBMED KNOW WHEN THEY HAVE A NEW VERSION OF AN ARTICLE, AND THEN ONLY THE CURRENT VERSION SHOWS UP IN SEARCH RESULTS. ALL VERSIONS SHARE THE SAME PMID NUMBER, BUT THEY HAVE A POINT FOLLOWED BY THE NUMBER VERSION IF YOU WANT IT TO LOOK FOR A PARTICULAR VERSION. SO FOR EXAMPLE, THE EARLIEST VERSION WOULD BE .1 FOLLOWED BY THE SECOND VERSION, .2 AND SO ON. THIS IS WHAT THE AB ABSTRACT VIEW LOOKS LIKE IN A VERSIONED ARTICLE. YOU CAN SEE THAT ALL THE VERSIONS HAVE THE SAME PMID NUMBER. AND YOU WILL HAVE AN OPTION TO CLICK OTHER VERSIONS. HOWEVER, ONLY THE MOST RECENT VERSION WILL SHOW UP IN SEARCH RESULTS. YOU MAY HAVE NOTICE ED THAT THE DEFAULT FILTER S HAVE NOW -- FROM THE RIGHT-HAND SIDE BECAUSE ALL THE FILTERS ARE NOW ON THE LEFT-HAND SIDE. IN THE FUTURE, THE MY NCBI FILTERS WILL ALSO GO ON THE LEFT-HAND SIDE. RIGHT NOW THEY'RE GOING TO SHOW UP ON THE RIGHT-HAND SIDE AS THEY ALWAYS HAVE. IF YOU'RE NOT IN MY NCBI, WHAT WILL HAPPEN ON THE RIGHT-HAND SIDE IS THAT YOU WILL GET RESULTS BY YEAR AND PMC IMAGES SEARCH. THE RESULTS BY YEAR TIMELINE TOOL WILL DISPLAY FOR SEARCH RESULTS WITH 10,000 OR MORE CITATIONS, AND YOU CAN MOUSE OVER THE BARS IN THE TIMELINE TO DISPLAY THE NUMBER OF CITATIONS FOR EACH YEAR AND CLICK ON INDIVIDUAL BARS IN THE TIMELINE TO DISPLAY RESULTS FOR A SINGLE YEAR. THE IMAGES RESULTS WILL DISPLAY IF THERE ARE FOUR MORE IMAGES IN PMC, OR PUBMED CENTRAL. YOU CAN SEE THIS IS A SEARCH FOR H1N1, AND YOU CAN SEE IN THE FAR RIGHT THAT THE RESULTS BY YEAR CLEARLY SHOW THAT THIS WAS A NEW CONCEPT OR A INCREASINGLY DISCUSSED CONCEPT AND THEN FELL DOWN A BIT. YOU CAN ALSO SEE THE PMC EMANLS SEARCH. THIS IS THE CLOSER VIEW. THIS IS A SEARCH FOR MEDICAL TOURISM. MEDICAL TOURISM WOULD NOT SHOW UP WITH A TIMELINE VIEW, OR THE RESULTS BY YEAR VIEW, BECAUSE THERE AREN'T 10,000 CITATIONS FOR MEDICAL TOURISM. HOWEVER, THERE ARE FOUR OR MORE IMAGES IN PUBMED CENTRAL OR PMC. IF YOU HOVER OVER THESE IMAGES , THEY WILL DISPLAY LARGER ON YOUR SCREEN. ANOTHER NEW RESOURCE OR NEW FEATURE IS THAT PUBMED RESULTS IN THE NLM SITE SEARCH. SO HERE'S THE NLM HOME PAGE. AND IF I SEARCH IN THE SEARCH BOX UP HERE, ON THE RIGHT-HAND SIDE , YOU WILL SEE THAT THE SEARCHES ARE BROKEN DOWN TO NLM SELECTED RESOURCES, MEDLINEPLUS HEALTH INFORMATION AND PUBMED CITATIONS. AND THEN FROM HERE, YOU CAN SEE MORE ARTICLES IN PUBMED. I THINK THIS IS A REALLY NICE FEATURE. IF YOU ARE PROMOTING ALL THE RESOURCES OF NLM TO FOLKS, THEN THEY CAN START THEIR SEARCH AT THE NLM HOME PAGE AND

HAVE DIFFERENT RESOURCES BASED ON THE LEVEL OF INFORMATION THAT THEY'RE LOOKING FOR. IF YOU WANT TO KEEP UP WITH PUBMED, I HIGHLY RECOMMEND THE NLM TECHNICAL BULLETIN, AS WELL AS MUST BE PED TUTORIALS. I WILL COPY THESE LINKS AND PUT THEM IN THE CHAT BOX. THESE ARE THE PUBMED TUTORIALS. THEY UPDATE VERY REGULARLY. FOR EXAMPLE, THE FILTER SES S CAME UP IN MAY AND AS SOON AS THEY WERE ANNOUNCED, THERE WAS A QUICK TOUR TUTORIAL FOR THEM. THERE'S ALSO A LARGER PUBMED TUTORIAL. AS WELL AS THE PUBMED UPDATE FROM THE MLA ANNUAL MEETING , FREQUENTLY AVAILABLE TO USE AND TO MODIFY. YOU CAN ALSO TAKE COURSES, I TEACH PUBMED COURSES AROUND THE REGION. I ALSO HAVE AN ONLINE CLASS CALLED "MAKING PUBMED WORK FOR YOU" THAT IS CURRENTLY -- THAT WILL START THIS COMING MONDAY, IF YOU'D LIKE TO REGISTER FOR THAT, YOU CAN GO TO OUR NLM MAR HOME PAGE. THIS IS THE NLM TECHNICAL BULLETIN. I HIGHLY RECOMMEND HAVING EITHER AN RSS OR EMAIL SUBSCRIPTION TO THE NLM TECHNICAL BULLETIN. IT GIVES GREAT INFORMATION AND THIS IS THE PLACE THAT YOU'RE GOING TO GET FIRST NOTICE OF CHANGES IN PUBMED AS WELL AS ALL NLM PRODUCTS. THANK YOU VERY MUCH. YOU CAN CONTACT ME AT ANY TIME, AND WE'LL TAKE QUESTIONS. YOU CAN PUT THEM IN YOUR CHAT BOX AND MISSY WILL READ THEM.

>> HI, EVERYONE. THIS IS MISSY. I JUST WANT TO MAKE SURE HOPEFULLY YOU CAN ALL HEAR ME AGAIN. BEFORE WE TAKE QUESTIONS, LET ME JUST SAY TWO LITTLE THINGS.

FIRST OF ALL, I AM ABSOLUTELY AMAZED WE HAVE OVER A HUNDRED ATTENDEES IN OUR SESSION TODAY. THIS IS FANTASTIC, ESPECIALLY IN LIGHT OF OUR AUDIO CHALLENGES. SECONDLY, I WANT TO ASK, BEFORE WE TAKE QUESTIONS, WOULD EVERY ONE PLEASE MAKE SURE TO TYPE IN THE CHAT BOX CODE, BECAUSE WE DO NEED TO RECORD FOR OUR STATISTICS WHERE EVERYONE WAS CONNECTING FROM. WE DO APPRECIATE EVERYBODY'S PATIENCE TODAY, SO PLEASE, YES, IF PEOPLE HAVE ANY QUESTIONS, PLEASE TYPE IN THE CHAT BOX . "CAN YOU EXPLAIN WHAT FLEXIBLE IS VERSUS FULL TEXT AVAILABLE?"

>> FULL TEXT AVAILABLE MEANS THAT THERE IS A LINK TO LIBRARY OR TO A PUBLISHER'S LINK THAT DOESN'T MEAN THAT IT'S FREE, THAT MEANS THAT THERE WILL BE A LINK IN THE RECORD TO GET THE FULL TEXT SOME WAY. FREE FULL TEXT MEANS THAT THERE IS TRULY A FREE LINK .

>> THE NEXT QUESTION WE HAVE IS, DO YOU KNOW WHAT NLM IS DOING FOR AUTHOR AUTHORITY CONTROL BESIDES THE COMPUTER AUTHOR -- COMPUTED AUTHOR FEATURE?

>> I KNOW THEY CONTINUE TO DO RESEARCH INTO THIS. ONE OF THE THINGS THAT THEY'RE DOING IS YOU CAN NOW PUT THE AUTHOR'S FULL NAME INTO THE CITATION AND THAT HELPS. RIGHT NOW I DON'T KNOW ANYTHING OTHER THAN THAT. THAT'S COMING DOWN THE PIKE FOR AUTHOR AUTHORITY CONTROL. SOMEBODY ELSE MAY BUT THAT'S ALL I KNOW THEY'RE DOING SPECIFICALLY.

>> THE NEXT IS, "I HAVE TRIED THE CITATION MANAGER, BUT IT DOES NOT COME IN A TXT-TEXT FORMAT, WHICH IS WHAT REF WORKS IS LOOKING FOR. IT'S A WEIRD NCBI FORMAT."

>> YES, IT'S A B -- THAT SHOULD WORK AS LONG AS YOU ARE CHOOSING THE DATABASE THAT THE CITATIONS ARE COMING FROM FROM NLM PUBMED. HAVE YOU HAD A PROBLEM WITH IT ?

>> THIS IS MISSY. I DON'T SEE HER ANSWERING THE QUESTION. LET ME READ THE NEXT QUESTION . JEAN SAYS IT DOES NOT WORK.

>> EMAIL ME, JEAN, AND WE'LL FIGURE IT OUT. MISSY, NEXT QUESTION?

>> I'M SORRY. I THOUGHT I TURNED ON THE TALK AND I DIDN'T. ALL RIGHT. THE NEXT QUESTION, ANY CHANCE OF BRINGING BACK THE LINK TO SEARCH HISTORY ON TOP OF THE SEARCH -- OR EXCUSE ME -- ON TOP OF THE RESULTS PAGES? IT'S NOT JUST -- IT'S JUST NOT INTUITIVE FOR PATIENTS THAT YOU HAVE TO CLICK ADVANCED SEARCH. AND IS THERE ANY LIMIT ON THE NUMBER OF FILTERS THAT CAN BE ADDED TO AN NCBI PROFILE?

>> I THINK THAT'S A GREAT SUGGESTION. LET ME SHOW YOU THE WAY FOLKS CAN GET SUGGESTIONS TO NCBI. YOU CAN ALWAYS TELL US AT THE RML, HOWEVER WE'RE JUST ONE VOICE, SO IT'S VERY BENEFICIAL WHEN OUR MEMBERS LET THEM KNOW CHANGES THAT THEY WANT TO MAKE. LET ME SHOW YOU HOW TO DO THAT. SO IN PUBMED, THERE IS A LINK TO THE HELP DESK AT THE BOTTOM RIGHT-HAND SIDE OF ANY SEARCH -- ANY PUB MET PAGE. I STRONGLY ENCOURAGE FOLKS TO DO THAT AND TO SEND SUGGESTIONS TO NCBI. ALSO IS THERE A LIMIT TO THE NUMBER OF FILTERS? I THINK IF THERE IS, IT'S HIGH. I KNOW YOU CAN HAVE AT LEAST 30 FILTER S. I HAVEN'T TRIED MORE THAN THAT.

>> OKAY. NEXT QUESTION. HOW DOES PUBMED FILTER SYSTEMATIC REVIEWS NOW CONSIDERING IT'S TECHNICALLY NOT A FORMAT IN PUBMED?

>> THAT'S A GREAT QUESTION. IT'S NOT A PUBLICATION TYPE IN PUBMED. WHAT THEY DO IS THERE IS A SYSTEMATIC REVIEW SUBSET SEARCH THAT IS DONE WHEN YOU CLICK SYSTEMATIC REVIEWS. IT'S NOT A PUBLICATION TYPE, BUT IT'S A LONGSTANDING SEARCH FILTER THAT THEY'VE HAD THAT DOES A PREFORMULATED SEARCH WHEN YOU CLICK ON IT. IT HAS BEEN MOVED TO THE PUBLICATION TYPES JUST BECAUSE IT WAS REALLY HIDDEN IN THE LIMIT SUBSET.

>> NEXT QUESTION, SOME OF MY PATRONS HAVE SAID THAT THEY CANNOT ACCESS THE LINKS I SEND THEM TO A COLLECTION THAT I HAVE CREATED FOR THEM THAT IS SET AS PUBLIC. IS THIS REALLY JUST USER ERROR OR THEIR PARTS? THE LINK ALWAYS WORKS FOR ME.

>> IS THAT THEY CAN'T ACCESS THE FULL TEXT?

>> SHE SAYS NO, JUST THE LIST.

>> YEAH, THAT'S PROBABLY USER ERROR. KARLEN, LET ME PUT MY EMAIL ADDRESS BACK UP. WHY DON'T YOU SEND THE LINK TO ME AND SEE IF I CAN USE IT.

>> I SEE WE HAVE ANOTHER PERSON WHO HAS THE SAME COLLECTION PROBLEM. WELL, KATE -- I'M SORRY. LET ME MOVE ON TO THE NEXT QUESTION. THIS IS GREAT. YOU GUYS ARE ASKING LOTS OF

GOOD QUESTIONS. THE NEXT QUESTION IS , CONSIDERING COLLECTION LINKS, IS THERE A WAY TO ADD MY LIBRARY'S PROXY SERVER URL SO PEOPLE CAN ACCESS OUR ONLINE COLLECTION AS WELL AS PMC?

>> THESE ARE ALL GOOD QUESTIONS ABOUT THE COLLECTION LINK. I'M GOING TO HAVE TO LOOK INTO IT. IT'S NOT A QUESTION THAT I KNOW, SO FOR THOSE FOLKS WHO ARE INTERESTED, SEND ME A REMINDER EMAIL AND I WILL EMAIL YOU ALL WHEN I FIND OUT THE ANSWER TO THAT QUESTION.

>> ALONG THOSE LINES, I'VE SEEN SOMEONE TYPE "I'VE HAD THE SAME PROBLEM WHEN SENDING AN EMAIL OF RESULTS THROUGH PUBMED. FULL TEXT LINKS DON'T SHOW IN THEIR RESULTS EVEN THOUGH THEY ARE ON OUR NETWORK." SOMEONE WAS ASKING IT COULD BE -- FINALLY RACHEL WAS SAYING IN HER LIBRARY, WE HAVE FOUND THAT IN ORDER TO GET TO THE FULL TEXT, THEY NEED TO HAVE A MY NCBI ACCOUNT.

>> I THINK ROCHELLE IS PROBABLY RIGHT ABOUT THAT. BUT AGAIN, IT'S NOT SOMETHING I KNOW OFFHAND, SO IF THIS IS A PROBLEM THAT FOLKS SPECIFICALLY ARE DEALING WITH, EMAIL ME AND THEN I'LL SEND A RESPONSE TO FOLKS WHO ARE INTERESTED ON THE ANSWER ONCE I FIND IT OUT.

>> ONE LAST QUESTION, LET'S SEE. WILL CLINICAL QUERIES EVER BE ACCESSIBLE FROM THE FILTERS? IT IS CUMBERSOME TO DEVELOP A SEARCH STRATEGY, AND THEN HAVE TO GO TO CLINICAL QUERIES TO PEACE IN THE SEARCH.

>> THAT'S A GREAT QUESTION, RHONDA. I THINK THERE IS A WAY TO PUT THE CLINICAL QUEERIES AS A SUBSET INTO YOUR SEARCH STRING, BUT SHOOT ME AN EMAIL AND I'LL FIND OUT AND EMAIL YOU BACK ABOUT THAT, ABOUT WHAT THE SPECIFIC FILTER -- WHAT THE SPECIFIC FILTER IS.

>> NEXT QUESTION, IS THERE A WAY TO SAVE THE HISTORY IN PUBMED ?

>> YOU MEAN THE ENTIRE HISTORY? I ACTUALLY DON'T THINK THERE'S A WAY TO DO THE ENTIRE HISTORY, NOT JUST INDIVIDUAL SEARCHES. THAT'S A GREAT THING TO CONTACT MY NCBI AS A SUGGESTION.

>> NEXT QUESTION, WHEN YOU PERFORM A SEARCH IN CLINICAL QUEERIES, I'VE SEEN RESULTS THAT ARE IN PROCESSED RECORDS LATELY, BUT I THOUGHT CLINICAL QUERIES RESULTS WERE LIMITED TO FULLY INDEXED RECORDS. MAYBE THAT'S CHANGED.

>> FOR THE MOST PART, SUE, IT HASN'T CHANGED . NCBI IS CURRENTLY EXPERIMENTING WITH COMPUTER-BASED INDEXING AS A FIRST PASS FOR SELECTED JOURNALS, SO OCCASIONALLY IN PROCESS CITATIONS, WE'LL HAVE A FIRST PASS BY A COMPUTER, THE INDEX TERMS, SO THEY MAY END UP SHOWING UP IN CLINICAL QUEERIES EVEN THOUGH THEY HAVEN'T BEEN FULLY QUALITY CONTROLLED BY ONE OF THE NLM INDEXERS.

>> BACK TO AN EARLIER QUESTION, CHARLIE ADDED A COMMENT THAT COPY AND PASTE INTO WORD, THE LINKS WILL BE ACTIVE. THEN LET ME GO ON AND ASK THE NEXT QUESTION AS WELL. COULD YOU SUGGEST THAT WHEN A COMBINED SEARCH IS EXECUTED, THE SEARCH STRATEGY BOX SHOWS THE TERMS, NOT JUST THE SEARCH NUMBERS.

>> THAT'S A GREAT QUESTION OR COMMENT TO GIVE TO NCB I. I STRONGLY SUGGEST DOING THE "CONTACT THE HELP DESK" LINK.

>> OUR NEXT PERSON SAYS I DON'T SEE THE FAVORITES OPTION THAT YOU MENTIONED FROM THE HOME PAGE, AND I'M SIGNED IN TO MYNCBI.

>> IT ONLY SHOWS IN THE ABSTRACT VIEW .

>> ANY OTHER QUESTIONS? WHILE WE WAIT TO SEE IF THERE'S ANY OTHER QUESTIONS, LET ME JUST MENTION AS A REMINDER, IF YOU HAVE NOT DONE IT ALREADY, PLEASE TYPE IN THE CHAT BOX WHAT YOUR ZIP CODE IS SO WE CAN HAVE THAT FOR OUR RECORDS. AND ONE LAST CALL FOR QUESTIONS. CHARLIE IS ASKING A QUESTION ON VERSIONING. WHEN YOU PRINT THE RECORD, IS THE VERSIONS A PRINT FIELD?

>> THAT'S A REALLY GOOD QUESTION. LET'S SEE. OKAY. I'M LOOKING FOR -- HERE'S HERE'S AN ARTICLE. BY DISPLAY, BY ABSTRACT TEXT. IT WILL SAY WHICH VERSION IT IS, BUT IT WON'T SHOW THE OTHER VERSIONS. WHILE WE'RE STILL ON THIS TOPIC BEFORE WE MOVE TO THE NEXT QUESTION, MELISSA ASKED FOR VERSIONING, ALSO WONDERING WHERE IT WOULD BE INCLUDED FOR EXPORTING TO REFWORKS.

>> LET ME PUT IT IN THE MEDLINE FORMAT TO SEE. I DON'T SEE ANY MENTION OF THE VERSIONING. IN THE MEDLINE, UNLESS SOMEBODY'S SEEN SOMETHING THAT I'M MISSING. THAT'S A GOOD SUGGESTION TO SEND TO NCBI. THIS IS VERY NEW, LIKE I SAID, ONLY ONE JOURNAL IS CURRENTLY USING VERSIONING, SO I KNOW IF THERE'S THINGS THAT ARE MISSING, TO PLEASE LET NCBI KNOW AND I WILL AS WELL, THAT'S REALLY IMPORTANT.

>> ANOTHER QUESTION WE HAVE, CAN YOU TALK ABOUT HOW PUBMED DEFINES REVIEWS?

>> YES, IT IS VERY BROAD. FOR REVIEWS, AS -- FOR REVIEW AS A PUBLICATION TYPE, IT'S BASICALLY -- ALL IT TAKES IS FOR THE -- IS FOR THE JOURNAL TO SAY THAT IT'S A REVIEW ARTICLE OR FOR THE INDEXER TO DETERMINE THAT IT IS A REVIEW ARTICLE.

>> ONE PERSON SAYS, CAN YOU GIVE US THE PMID NUMBER FOR AN ARTICLE WITH VERSIONING? AND ANOTHER PERSON, ESPECIALLY WHEN DOING EXCLUSION/INCLUSION FOR SYSTEMATIC REVIEWS AND SO ON, RELATED TO THE EARLIER ISSUE, ONE PERSON SAYS DOES PUBMED INDEX DLI NUMBERS?

>> DO YOU MEAN ARE THEY IN THE RECORD?

>> YES, IN RECORDS.

>> YES.

>> JEAN DOES POINT OUT, YOU HAVE TO LOOK AT THE MEDLINE VERSION. JENNY CLARIFIES, CAN I SEARCH BY DOI?

>> I DON'T KNOW, I'VE NEVER TRIED. HAS ANYBODY ELSE TRIED TO DO THAT?

>> JEAN SAYS THERE ARE SOI RESOLVERS. THE AID FIELD IS WHERE THE DOI IS LOCATED.

>> THAT'S RIGHT, THE HIGHLIGHTED ON MY SCREEN, LET'S TRY TO SEARCH BY IT. YEAH, LOOKS LIKE IT. LOOKS LIKE THE DOI, YOU CAN SEARCH BY AN INDIVIDUAL DOI.

>> WE HAVE ONE MORE QUESTION BEFORE I READ THE QUESTION, LET ME JUST ANSWER SOMETHING THAT BARBARA WAS ASKING, WHEN WILL THIS PRESENTATION BE ABLE TO REVIEW, WILL CAPTIONS BE AVAILABLE AND WILL PHOTOS BE ENLARGED BECAUSE SHE WASN'T ABLE TO GET FULL SCREEN TO WORK. WE ALWAYS POST THE PRESENTATION, I THINK I USUALLY HAVE TO WAIT AN HOUR OR TWO MORE THE RECORDING TO BE COMPLETED. THAT'S NOT CONTROLLED BY ME, IT'S BY ADOBE. ADOBE. THANK YOU FOR PUTTING UP THE URL. I WILL BE POSTING THE RECORDING FOR TODAY'S SESSION AND YOU'LL BE ABLE TO ALSO ACCESS THE CAPTIONS AS WELL. WE HAVE ANOTHER QUESTION. MAYBE I MISSED IT. IS THERE A WAY TO HAVE ALL THE FILTERS, THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE THAT WE'VE HELD IN THE PAST. I JUST ONCE AGAIN REALLY -- OH, THANK YOU VERY MUCH. FELICE FROM ADOBE, THANK YOU VERY MUCH FOR RECORDING TODAY'S SESSION. WE APPRECIATE THAT. FIRST OF ALL, LET ME JUST SAY I WANT TO WELCOME ALL OF YOU AGAIN AND ONCE AGAIN I THANK YOU FOR YOUR PATIENCE, AND LET ME FIRST OF ALL INTRODUCE OUR SPEAKER AND BEFORE I GET INTO THAT, JUST ONE LAST REMINDER THAT YOU WILL NEED SPEAKERS IN ORDER TO HEAR TODAY'S SESSION. THANK YOU SO MUCH. WELL, WE'D LIKE TO WELCOME TODAY KATE FLEWELLING, THE OUTREACH COORDINATOR FOR THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE, THE MIDDLE ATLANTIC REGION. SHE HAS A BACHELOR'S DEGREE AND MLIS FROM THE UNIVERSITY OF WISCONSIN-MILWAUKEE. KATE WAS A NATIONAL LIBRARY OF MEDICINE ASSOCIATE FELLOW, AND FOR THE SECOND YEAR OF HER FELLOWSHIP, SHE WAS AT A LARGE TEACHING HOSPITAL IN NORTHERN VIRGINIA. BEFORE JOINING THE STAFF , KATE WAS COORDINATOR OF INSTRUCTION AND A REFERENCE LIBRARIAN AT UPSTATE MEDICAL UNIVERSITY IN SYRACUSE, NEW YORK. IN HER CURRENT POSITION, KATE DEVELOPS AND MANAGES OUTREACH PROGRAMS TO UNAFFILIATED HEALTH, MINORITY HEALTH, AND MENTAL HEALTH PROFESSIONALS, AND THE PUBLIC HEALTH WORKFORCE AS WELL. SHE ALSO PROVIDES TRAINING TO MAR MEMBERS ON PUBMED AND PUBLIC HEALTH AND MENTAL HEALTH INFORMATION RESOURCES. AND ONE LAST BIT PIECE OF NEWS I JUST WANT TO ADD BEFORE KATE BEGINS TO SPEAK, I DO ASK THAT EVERYONE WAIT UNTIL KATE IS DONE SPEAKING TODAY, AND IF AND WHEN YOU HAVE QUESTIONS, THAT I WANT TO DIRECT YOU TO THE CHAT BOX ON THE LEFT SIDE OF YOUR BROWSER WINDOW. THAT'S WHERE WE WANT TO ASK THAT YOU PLEASE TYPE IN YOUR QUESTIONS, AND I WILL READ THEM OUT LOUD AND OFFER KATE THE OPPORTUNITY TO ANSWER THEM. SO KATE, I'LL LET YOU TAKE THE FLOOR. THANK YOU.

>> THANKS, MISSY. CAN YOU HEAR ME ? I'M GOING TO ASSUME SO. ALL RIGHT. SO WHAT'S NEW IN PUBMED? THERE HAVE BEEN A LOT OF CHANGES IN THE PAST YEAR OR SO, SO I'M GOING TO RUN THROUGH THE HIGHLIGHTS IN THE NEXT 40 MINUTES OR SO AND GIVE YOU A CHANCE TO ASK QUESTIONS. HERE ARE A COUPLE OF STATISTICS ABOUT PUBMED FOR THOSE OF YOU WHO ARE INTERESTED. PUBMED HAS ABOUT 22 MILLION CITATIONS, 90% OF THOSE ARE INDEXED FOR MEDLINE, AND ALMOST 5600 JOURNALS ARE CURRENTLY INDEXED FOR MEDLINE. IN A TYPICAL DAY, PUBMED IS USED IN 3.2 MILLION WEB SEARCHES, THAT'S 1.6 UNIQUE USERS, AND 3.8 MILLION SCRIPT SEARCHES THROUGH API AND OUTSIDE INTERFACES, AND THEN ABOUT 45,000 MOBILE SEARCHES. I'M SURE THE

BIGGEST CHANGE THAT MOST OF YOU HAVE ALREADY NOTICED IS THE FILTERS. THESE HAVE REPLACED LIMITS, AND THEY NOW DISPLAY ON THE LEFT-HAND SIDE OF ANY PUBMED SEARCH. I'M GOING TO TAKE A MINUTE AND DEMONSTRATE THOSE . SO IF I DO A SEARCH IN PUBMED , THEN MY FILTERS WILL SHOW UP. I CAN LIMIT BY DATE, BY HUMANS, BY DIFFERENT TYPES OF ARTICLE TYPES, AND YOU'LL NOTICE THAT SYSTEMATIC REVIEWS, ALTHOUGH NOT TECHNICALLY AN ARTICLE TYPE IN PUBMED, ARE NOW LISTED UNDER THE ARTICLE TYPE SO THAT THEY ARE MORE VISIBLE IN THE FILTERS. YOU CAN ALSO LIMIT BY ENGLISH. THESE ARE STICKY, LIKE THE LIMITS WERE, WHICH MEANS THEY WILL LAST FROM SEARCH TO SEARCH UNTIL YOU TURN THEM OFF . YOU CAN SHOW ADDITIONAL FILTERS BY CLICKING "SHOW ADDITIONAL FILTERS." YOU CAN SEE THAT YOU CAN ALSO FILTER BY SEX, BY SUBJECT, BY JOURNAL CATEGORIES, BY AGES, AND THESE SUBJECTS AND JOURNAL CATEGORIES ARE WHAT USED TO BE IN THE SUBSET SECTION OF THE LIMITS. LET ME SHOW YOU. SO YOU CAN SEE NOW THE JOURNAL CATEGORIES ARE LISTED HERE, AND SUBJECTS ARE LISTED HERE AND YOU CAN CLICK "MORE" TO SEE MORE. YOU'LL NOTICE THAT JUST CHECKING IN DOES NOT TURN THE LIMITS ON. YOU ACTUALLY THEN HAVE TO CLICK ON THE WORD -- THE PHRASE TO TURN THE LIMITS ON. SO I'M GOING TO LIMIT TO RANDOMIZED CONTROL TRIAL IN THE LAST FIVE YEARS AND ENGLISH. YOU CAN SEE AS I'M CHANGING THESE THAT THE SEARCH RESULTS CHANGE AS I CLICK EACH INDIVIDUAL FILTER . YOU CAN CLEAR FILTER CLICKING ON THE FILTER ITSELF, BY CLICKING CLEAR NEXT TO THE CATEGORY, OR BY CLICKING "CLEAR ALL." ANOTHER THING TO MENTION IS THAT LIKE LIMITS, CLICKING SOME FILTERS WILL LIMIT YOUR SEARCH TO INDEXED RESULTS. SO FOR EXAMPLE, PUBLICATION TYPES, AGE GROUP, SPECIES AND SEX WILL ALL RESTRICT YOUR SEARCH TO INDEXED RECORDS. ONLY THE FILTERS THAT ARE VALID FOR YOUR SEARCH RESULTS WILL APPEAR, SO FOR EXAMPLE, IF I DO A VERY SMALL SEARCH YOU WILL NOTICE THAT THE ARTICLE TYPES LIMIT TO JUST WHAT'S AVAILABLE. SO FOR EXAMPLE, THERE ARE NO RANDOMIZED CONTROL TRIALS ON HOMER SIMPSON, AND, THEREFORE, THEY WON'T SHOW UP AS ARTICLE TYPES. IF YOU WANTED TO SEE ADDITIONAL ARTICLE TYPES, YOU CAN CLICK "MORE ," HOWEVER, BECAUSE THEY DON'T SHOW HERE MEANS THAT THERE PROBABLY IS NOT A, FOR EXAMPLE, RANDOMIZED CONTROL TRIAL FOR THIS SEARCH. AND AGAIN, HERE ARE THE SUBJECTS AND THE JOURNAL CATEGORIES THAT HAVE BEEN BROKEN OUT FROM WHAT USED TO BE CALLED SUBSETS. OKAY. LET'S TALK ABOUT THE ADVANCED SEARCH. THE ADVANCED SEARCH CHANGED ABOUT A YEAR AGO . YOU CAN GET TO IT FROM ANY PUBMED SEARCHING, SEARCH BOX. YOU CAN SEE THAT HISTORY NOW SHOWS UP IN YOUR ADVANCED SEARCH LIKE THIS, AND THEN IN THE MIDDLE, YOU HAVE THE SEARCH BUILDER. YOU CAN BUILD YOUR SEARCH USING LOTS OF DIFFERENT SEARCH FIELDS. FOR EXAMPLE, YOU CAN DO AFFILIATION, YOU CAN DO AUTHOR NAME, DATE , YOU CAN SEARCH FOR WORDS IN THE JOURNAL, SPECIFIC JOURNALS, LANGUAGE, YOU CAN SEARCH BY MESH TERM, MAJOR TOPIC, MESH SUBHEADING, SO FOR EXAMPLE, IF I WANTED TO SEARCH FOR THE ADVERSE EFFECTS OF CERTAIN TREATMENTS, THEN I CAN ACTUALLY SEARCH BY ADVERSE EFFECTS. IF YOU WANT TO SEE ALL OF THE AVAILABLE TERMS, YOU CAN CLICK "SHOW INDEX LIST." THAT WILL GIVE YOU ALL OF THE AVAILABLE TERMS FOR SUBHEADING. THEN IF I WANTED TO HAVE THE MESH MAJOR TOPIC BE DIABETES, I CAN SEARCH THAT AND AGAIN, I CAN SHOW THE INDEX LIST FOR AVAILABLE MESH HEADINGS . IF I WANT TO JUST SEE HOW MANY SEARCH RESULTS I'LL GET, I CAN CLICK "ADD TO HISTORY," AND YOU CAN SEE THE NUMBER OF ITEMS FOUND. YOU CAN ADD SEARCH TERMS -- YOU CAN ADD SEARCHES TO YOUR SEARCH BUILDER, EITHER BY CLICKING ADD OR BY CLICKING SEARCH AND PUTTING BUILDER, YOU CAN SHOW THE SEARCH RESULTS, YOU CAN SHOW THE SEARCH DETAILS AND

YOU CAN SAVE TO MY NCBI. AND AGAIN, THERE ARE SEVERAL DIFFERENT THINGS THAT YOU CAN USE IN YOUR SEARCH BUILDER. THERE'S A VERY NICE TUTORIAL FOR ADVANCED SEARCH BUILDER, A YOUTUBE TUTORIAL. IT'S ABOUT TWO MINUTES LONG, ON ADVANCED SEARCH BUILDER, AND IF YOU WANT TO KNOW MORE ABOUT ADVANCED SEARCH AND HOW TO BUILD YOUR SEARCH, I HIGHLY RECOMMEND IT. FAVORITES IS A NEW DEFAULTS COLLECTION IN YOUR MYNCBI. WHEN YOU ARE IN THE ABSTRACT VIEW OF A SEARCH, THEN YOU WILL SEE THE OPTION ON THE RIGHT-HAND SIDE TO SAVE ITEM, AND THE DEFAULT IS FAVORITE, WHICH AGAIN YOU NOW HAVE A COLLECTION ON YOUR MY NCBI COUNT FOR FAVORITES, BUT ALL OF YOUR OTHER COLLECTIONS WILL ALSO SHOW BY CLICKING THE DOWN ARROW NEXT TO THE WORD "FAVORITE." YOU WILL ALSO HAVE THE OPTION TO CREATE A NEW COLLECTION. THERE'S NOW AN OPTION TO EXPORT TO CITATION MANAGER, AND THIS IS REALLY NICE BECAUSE WHEN I USED TO TEACH PUBMED AND REF WORKS, THEN YOU'D HAVE TO GO TO DISPLAY SETS, DISPLAY FOR MEDLINE, AND THEN SAVE AS A TEXT FILE. NOW YOU HAVE THE OPTION TO CHOOSE CITATION MANAGER. YOU'LL STILL GET A FILE THAT YOU WILL THEN HAVE TO UPLOAD INTO YOUR CITATION MANAGER, BUT IT'S MUCH MORE INTUITIVE THAN IT USED TO BE. YOU ALSO NOW HAVE THE OPTION TO CHANGE THE SUBJECT IN YOUR EMAIL SUBJECT LINE, SO RATHER THE DEFAULT SUBJECT, YOU CAN CHANGE THE SUBJECT. WHICH IS A NICE NEW FEATURE. IT'S ALWAYS GREAT WHEN YOU HAVE A PRESENTATION PLANNED AND ONE OF THE THINGS YOU WERE GOING TO DEMONSTRATE DOESN'T WORK ON THE MORNING THAT YOU WANT TO DEMONSTRATE IT. UNFORTUNATELY, THIS IS A FEATURE I JUST EMAILED NCBI THIS MORNING BECAUSE THE COMPUTED AUTHOR DISPLAY WASN'T WORKING THIS MORNING, BUT TRUST ME, ONCE IT WORKS, IT'S PRETTY COOL. WHEN YOU ARE IN THE ABSTRACT VIEW, YOU CAN CLICK ON AN AUTHOR'S NAME AND WHAT IT'S GOING TO DO IS USING AN ALGORITHM THAT COMPARES CITATIONS WITH THE SAME AUTHOR NAME AS WELL AS METADATA FOR CITATIONS SUCH AS CO-AUTHORS, JOURNAL, TITLE, AFFILIATION, ABSTRACT, MESH TERMS, GRANTS AND PUBLICATION DATES. THEN THE CITATIONS THAT SHARE LIKE AUTHOR NAMES ARE DIVIDED INTO DIFFERENT GROUPS BY CLUSTERING THE CITATIONS THAT ARE HIGHLY SIMILAR TO EACH OTHER. SO WHAT YOU HOPE IT SEE IS THAT YOU WILL NOW GET SORTED BY A COMPUTER AUTHOR SORT OF BY COMPUTED AUTHOR, AND THEN THE ARTICLES THAT ARE MOST LIKELY TO BE BY THAT PARTICULAR AUTHOR RATHER THAN ANOTHER JEANNIE CABARINI WILL SHOW UP FIRST IN YOUR RESULTS. VERSIONING IS SOMETHING THAT'S VERY NEW. CURRENTLY ONLY ONE PUBLICATION IS SUBMITTING VERSIONS TO PUBMED, AND THAT IS THE PUBLIC LIBRARY OF SCIENCE CURRENTS. WHAT THEY'RE DOING NOW AND WHAT I ASSUME OTHER JOURNALS WILL DO IN THE FUTURE IS THEY LET NCBI PUBMED KNOW WHEN THEY HAVE A NEW VERSION OF AN ARTICLE, AND THEN ONLY THE CURRENT VERSION SHOWS UP IN SEARCH RESULTS. ALL VERSIONS SHARE THE SAME PMID NUMBER, BUT THEY HAVE A POINT FOLLOWED BY THE NUMBER VERSION IF YOU WANT IT TO LOOK FOR A PARTICULAR VERSION. SO FOR EXAMPLE, THE EARLIEST VERSION WOULD BE .1 FOLLOWED BY THE SECOND VERSION, .2 AND SO ON. THIS IS WHAT THE AB ABSTRACT VIEW LOOKS LIKE IN A VERSIONED ARTICLE. YOU CAN SEE THAT ALL THE VERSIONS HAVE THE SAME PMID NUMBER. AND YOU WILL HAVE AN OPTION TO CLICK OTHER VERSIONS. HOWEVER, ONLY THE MOST RECENT VERSION WILL SHOW UP IN SEARCH RESULTS. YOU MAY HAVE NOTICE ED THAT THE DEFAULT FILTER S HAVE NOW -- FROM THE RIGHT-HAND SIDE BECAUSE ALL THE FILTERS ARE NOW ON THE LEFT-HAND SIDE. IN THE FUTURE, THE MY NCBI FILTERS WILL ALSO GO ON THE LEFT-HAND SIDE. RIGHT NOW THEY'RE GOING TO SHOW UP ON THE RIGHT-HAND SIDE AS THEY ALWAYS HAVE. IF YOU'RE NOT IN MY NCBI, WHAT WILL

HAPPEN ON THE RIGHT-HAND SIDE IS THAT YOU WILL GET RESULTS BY YEAR AND PMC IMAGES SEARCH. THE RESULTS BY YEAR TIMELINE TOOL WILL DISPLAY FOR SEARCH RESULTS WITH 10,000 OR MORE CITATIONS, AND YOU CAN MOUSE OVER THE BARS IN THE TIMELINE TO DISPLAY THE NUMBER OF CITATIONS FOR EACH YEAR AND CLICK ON INDIVIDUAL BARS IN THE TIMELINE TO DISPLAY RESULTS FOR A SINGLE YEAR. THE IMAGES RESULTS WILL DISPLAY IF THERE ARE FOUR MORE IMAGES IN PMC, OR PUBMED CENTRAL. YOU CAN SEE THIS IS A SEARCH FOR H1N1, AND YOU CAN SEE IN THE FAR RIGHT THAT THE RESULTS BY YEAR CLEARLY SHOW THAT THIS WAS A NEW CONCEPT OR A INCREASINGLY DISCUSSED CONCEPT AND THEN FELL DOWN A BIT. YOU CAN ALSO SEE THE PMC EMANLS SEARCH. THIS IS THE CLOSER VIEW. THIS IS A SEARCH FOR MEDICAL TOURISM. MEDICAL TOURISM WOULD NOT SHOW UP WITH A TIMELINE VIEW, OR THE RESULTS BY YEAR VIEW, BECAUSE THERE AREN'T 10,000 CITATIONS FOR MEDICAL TOURISM. HOWEVER, THERE ARE FOUR OR MORE IMAGES IN PUBMED CENTRAL OR PMC. IF YOU HOVER OVER THESE IMAGES , THEY WILL DISPLAY LARGER ON YOUR SCREEN. ANOTHER NEW RESOURCE OR NEW FEATURE IS THAT PUBMED RESULTS IN THE NLM SITE SEARCH. SO HERE'S THE NLM HOME PAGE. AND IF I SEARCH IN THE SEARCH BOX UP HERE, ON THE RIGHT-HAND SIDE , YOU WILL SEE THAT THE SEARCHES ARE BROKEN DOWN TO NLM SELECTED RESOURCES, MEDLINEPLUS HEALTH INFORMATION AND PUBMED CITATIONS. AND THEN FROM HERE, YOU CAN SEE MORE ARTICLES IN PUBMED. I THINK THIS IS A REALLY NICE FEATURE. IF YOU ARE PROMOTING ALL THE RESOURCES OF NLM TO FOLKS, THEN THEY CAN START THEIR SEARCH AT THE NLM HOME PAGE AND HAVE DIFFERENT RESOURCES BASED ON THE LEVEL OF INFORMATION THAT THEY'RE LOOKING FOR. IF YOU WANT TO KEEP UP WITH PUBMED, I HIGHLY RECOMMEND THE NLM TECHNICAL BULLETIN, AS WELL AS MUST BE PED TUTORIALS. I WILL COPY THESE LINKS AND PUT THEM IN THE CHAT BOX. THESE ARE THE PUBMED TUTORIALS. THEY UPDATE VERY REGULARLY. FOR EXAMPLE, THE FILTER SES S CAME UP IN MAY AND AS SOON AS THEY WERE ANNOUNCED, THERE WAS A QUICK TOUR TUTORIAL FOR THEM. THERE'S ALSO A LARGER PUBMED TUTORIAL. AS WELL AS THE PUBMED UPDATE FROM THE MLA ANNUAL MEETING , FREQUENTLY AVAILABLE TO USE AND TO MODIFY. YOU CAN ALSO TAKE COURSES, I TEACH PUBMED COURSES AROUND THE REGION. I ALSO HAVE AN ONLINE CLASS CALLED "MAKING PUBMED WORK FOR YOU" THAT IS CURRENTLY -- THAT WILL START THIS COMING MONDAY, IF YOU'D LIKE TO REGISTER FOR THAT, YOU CAN GO TO OUR NLM MAR HOME PAGE. THIS IS THE NLM TECHNICAL BULLETIN. I HIGHLY RECOMMEND HAVING EITHER AN RSS OR EMAIL SUBSCRIPTION TO THE NLM TECHNICAL BULLETIN. IT GIVES GREAT INFORMATION AND THIS IS THE PLACE THAT YOU'RE GOING TO GET FIRST NOTICE OF CHANGES IN PUBMED AS WELL AS ALL NLM PRODUCTS. THANK YOU VERY MUCH. YOU CAN CONTACT ME AT ANY TIME, AND WE'LL TAKE QUESTIONS. YOU CAN PUT THEM IN YOUR CHAT BOX AND MISSY WILL READ THEM.

>> HI, EVERYONE. THIS IS MISSY. I JUST WANT TO MAKE SURE HOPEFULLY YOU CAN ALL HEAR ME AGAIN. BEFORE WE TAKE QUESTIONS, LET ME JUST SAY TWO LITTLE THINGS.

FIRST OF ALL, I AM ABSOLUTELY AMAZED WE HAVE OVER A HUNDRED ATTENDEES IN OUR SESSION TODAY. THIS IS FANTASTIC, ESPECIALLY IN LIGHT OF OUR AUDIO CHALLENGES. SECONDLY, I WANT TO ASK, BEFORE WE TAKE QUESTIONS, WOULD EVERY ONE PLEASE MAKE SURE TO TYPE IN THE CHAT BOX CODE, BECAUSE WE DO NEED TO RECORD FOR OUR STATISTICS WHERE EVERYONE WAS CONNECTING

FROM. WE DO APPRECIATE EVERYBODY'S PATIENCE TODAY, SO PLEASE, YES, IF PEOPLE HAVE ANY QUESTIONS, PLEASE TYPE IN THE CHAT BOX . "CAN YOU EXPLAIN WHAT FLEXIBLE IS VERSUS FULL TEXT AVAILABLE?"

>> FULL TEXT AVAILABLE MEANS THAT THERE IS A LINK TO LIBRARY OR TO A PUBLISHER'S LINK THAT DOESN'T MEAN THAT IT'S FREE, THAT MEANS THAT THERE WILL BE A LINK IN THE RECORD TO GET THE FULL TEXT SOME WAY. FREE FULL TEXT MEANS THAT THERE IS TRULY A FREE LINK .

>> THE NEXT QUESTION WE HAVE IS, DO